

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061118\
 Data File : VX002456.D
 Acq On : 11 Jun 2018 21:08
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 12 01:55:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197311	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142151	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	110030	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	8.72	98	404711	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	160638	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	86089	42.11	ug/l	100
3) Chloromethane	1.32	50	113701	48.45	ug/l	96
4) Vinyl Chloride	1.41	62	124672	48.39	ug/l	100
5) Bromomethane	1.64	94	77773	53.58	ug/l	99
6) Chloroethane	1.72	64	88470	53.08	ug/l	99
7) Trichlorofluoromethane	1.93	101	208878	53.21	ug/l	98
8) Diethyl Ether	2.19	74	88074	63.80	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111802	52.78	ug/l	99
10) Methyl Iodide	2.51	142	128690	43.19	ug/l	99
11) Tert butyl alcohol	3.08	59	163603	286.77	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108240	51.70	ug/l	99
13) Acrolein	2.30	56	66438	237.45	ug/l	98
14) Allyl chloride	2.73	41	230591	50.75	ug/l	99
15) Acrylonitrile	3.15	53	372881	314.03	ug/l	100
16) Acetone	2.45	43	343324	286.68	ug/l	100
17) Carbon Disulfide	2.57	76	248498	45.04	ug/l	98
18) Methyl Acetate	2.78	43	185783	66.85	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	459338	63.66	ug/l	100
20) Methylene Chloride	2.86	84	137117	62.35	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119760	51.87	ug/l	98
22) Diisopropyl ether	3.87	45	423157	55.93	ug/l	93
23) Vinyl Acetate	3.83	43	1816070	246.58	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241897	53.87	ug/l	99
25) 2-Butanone	4.71	43	467539	242.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	142905	40.71	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	123743	49.29	ug/l	95
28) Bromochloromethane	5.03	49	113158	59.96	ug/l	99
29) Tetrahydrofuran	5.17	42	305018	245.35	ug/l	98
30) Chloroform	5.22	83	224819	51.88	ug/l	98
31) Cyclohexane	5.57	56	161580	45.51	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	184883	50.31	ug/l	99
36) 1,1-Dichloropropene	5.80	75	149010	46.69	ug/l	99
37) Ethyl Acetate	4.87	43	190115	49.53	ug/l	99
38) Carbon Tetrachloride	5.79	117	160117	47.95	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161805	41.08	ug/l	96
40) Benzene	6.15	78	476140	48.65	ug/l	99
41) Methacrylonitrile	5.07	41	108077	49.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	194435	50.01	ug/l	100
43) Isopropyl Acetate	6.47	43	320295	49.13	ug/l	99
44) Trichloroethene	7.21	130	130853	48.18	ug/l	98
45) 1,2-Dichloropropane	7.53	63	131789	49.88	ug/l	95
46) Dibromomethane	7.67	93	88816	49.59	ug/l	98
47) Bromodichloromethane	7.90	83	168895	52.14	ug/l	99
48) Methyl methacrylate	7.78	41	164289	50.17	ug/l	98
49) 1,4-Dioxane	7.76	88	59564	972.76	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1044315	257.22	ug/l	99
52) Toluene	8.79	92	311388	50.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	195231	50.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	184271	50.28	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133001	51.95	ug/l	98
56) Ethyl methacrylate	9.18	69	207640	50.80	ug/l	99
57) 1,3-Dichloropropane	9.38	76	221688	51.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	487271	257.59	ug/l	99
59) 2-Hexanone	9.50	43	790662	252.12	ug/l	99
60) Dibromochloromethane	9.59	129	138973	53.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	140475	52.63	ug/l	100
64) Tetrachloroethene	9.34	164	140333	44.97	ug/l	99
65) Chlorobenzene	10.14	112	365780	48.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	137605	50.47	ug/l	99
67) Ethyl Benzene	10.26	91	618528	49.09	ug/l	100
68) m/p-Xylenes	10.37	106	480311	98.06	ug/l	100
69) o-Xylene	10.70	106	238836	49.00	ug/l	100
70) Styrene	10.71	104	408407	51.25	ug/l	99
71) Bromoform	10.86	173	109284	45.12	ug/l	98
73) Isopropylbenzene	11.02	105	636645	46.38	ug/l	100
74) N-amyl acetate	6.47	43	320295	43.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206774	47.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234099	54.07	ug/l	79
77) Bromobenzene	11.26	156	183107	47.52	ug/l	98
78) n-propylbenzene	11.37	91	726670	47.63	ug/l	100
79) 2-Chlorotoluene	11.43	91	445253	46.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551309	46.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51703	41.86	ug/l	95
82) 4-Chlorotoluene	11.51	91	528823	47.56	ug/l	100
83) tert-Butylbenzene	11.77	119	540602	47.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	572728	47.26	ug/l	98
85) sec-Butylbenzene	11.95	105	651182	48.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	594606	48.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	330726	48.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337588	47.54	ug/l	99
89) n-Butylbenzene	12.39	91	510896	49.76	ug/l	99
90) Hexachloroethane	12.60	117	89791	45.95	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	340732	47.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44674	47.32	ug/l	98

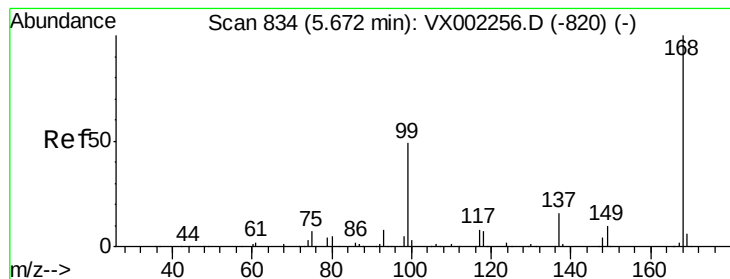
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061118\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245639	49.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	120004	48.58	ug/l	98
95) Naphthalene	13.84	128	706968	49.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252876	49.61	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

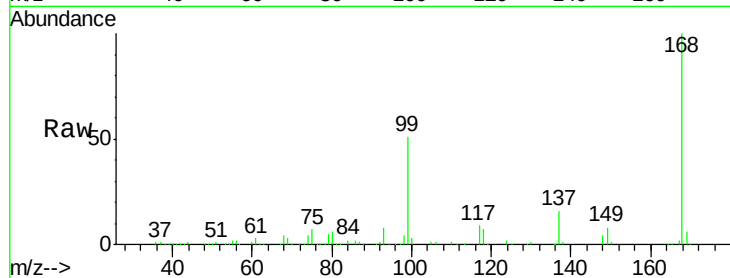
VSTDCCC050EC

Tgt Ion:168 Resp: 196655

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

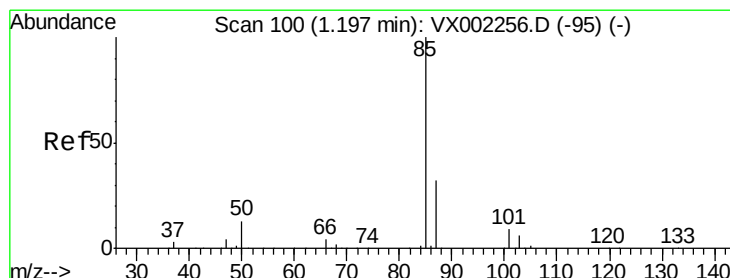
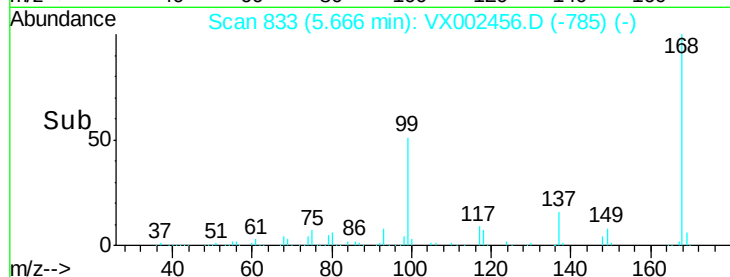
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 42.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002456.D

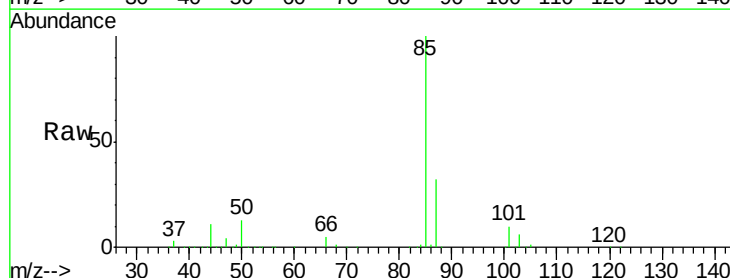
Acq: 11 Jun 2018 21:08

Tgt Ion: 85 Resp: 86089

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

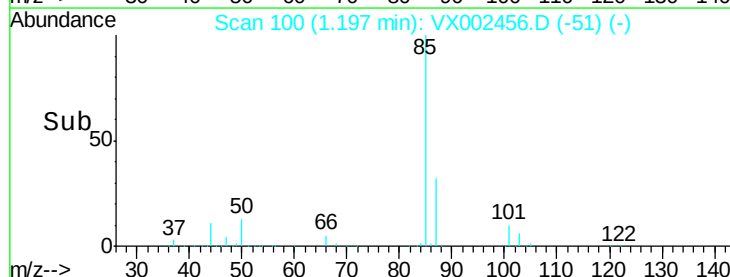
40000

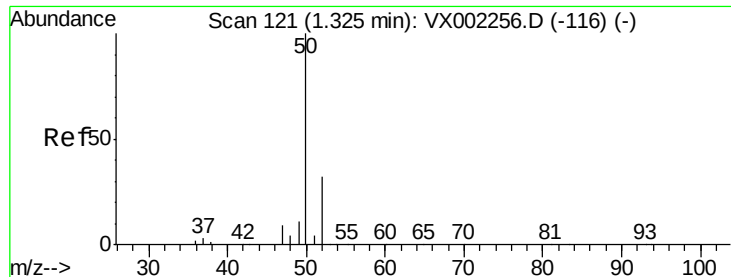
20000

0

Time-->

1.15 1.20 1.25 1.30

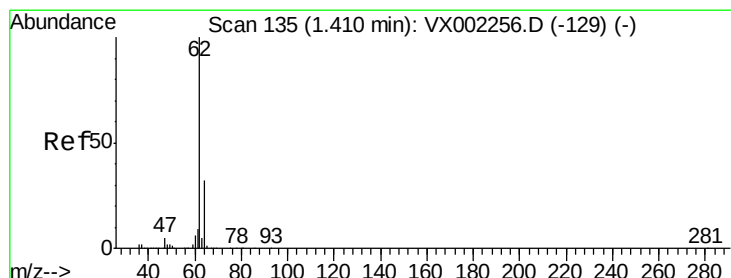
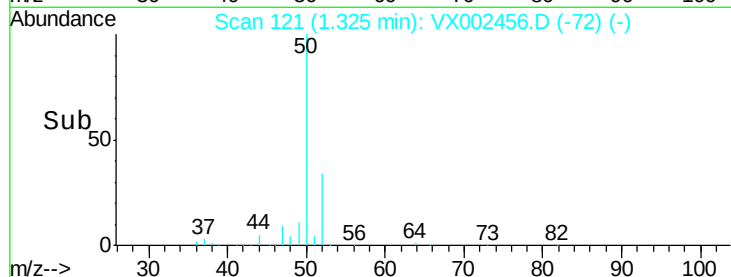
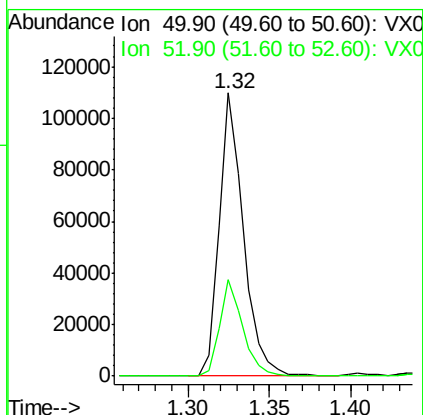
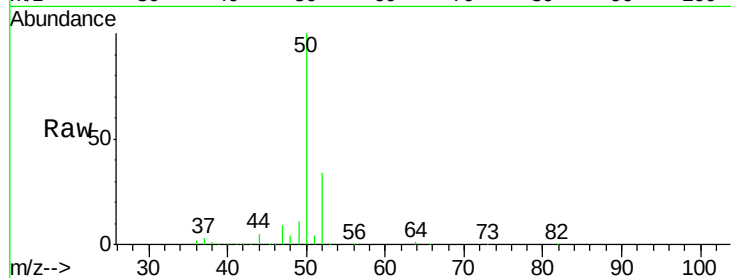




#3
Chloromethane
Concen: 48.45 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

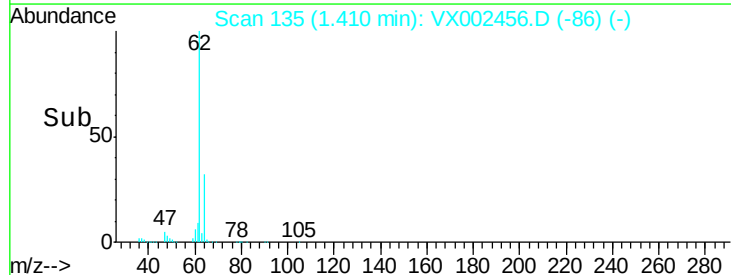
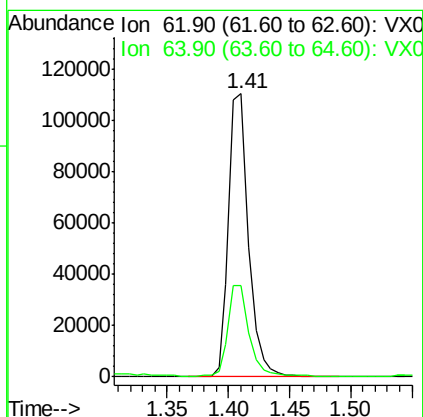
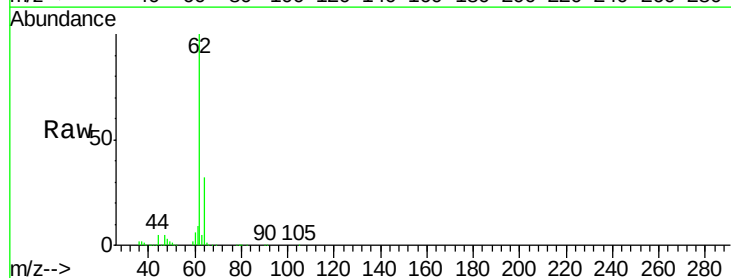
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

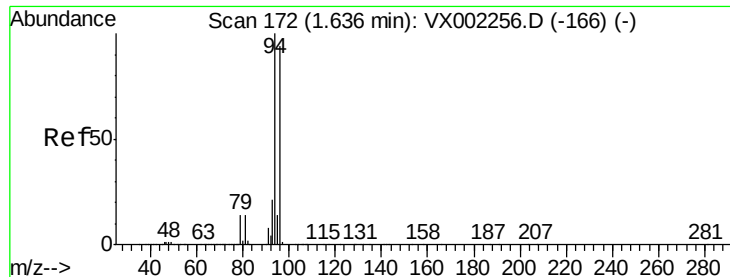
Tgt Ion: 50 Resp: 113701
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5



#4
Vinyl Chloride
Concen: 48.39 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 62 Resp: 124672
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 53.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

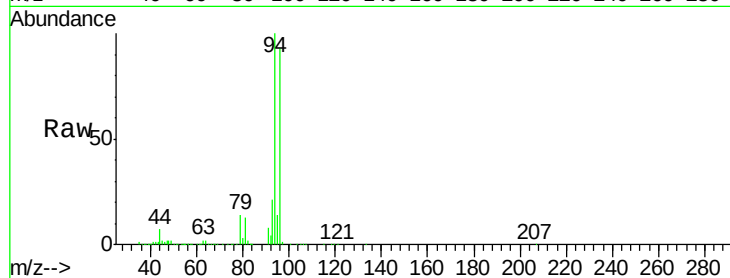
VSTDCCC050EC

Tgt Ion: 94 Resp: 77773

Ion Ratio Lower Upper

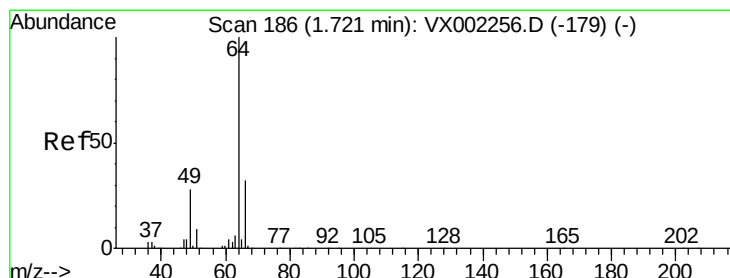
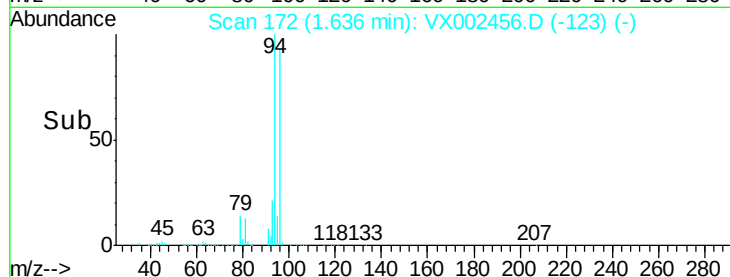
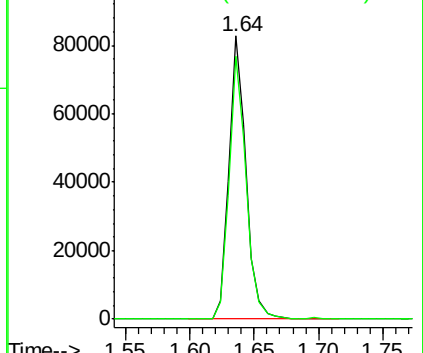
94 100

96 92.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.08 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002456.D

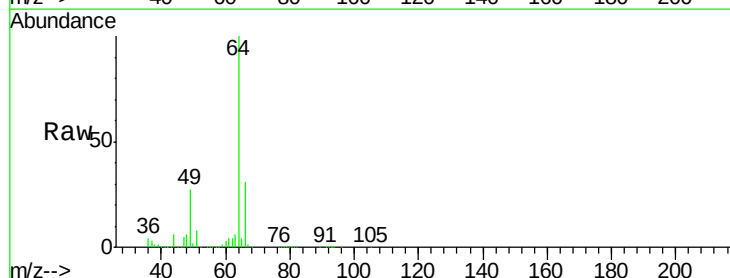
Acq: 11 Jun 2018 21:08

Tgt Ion: 64 Resp: 88470

Ion Ratio Lower Upper

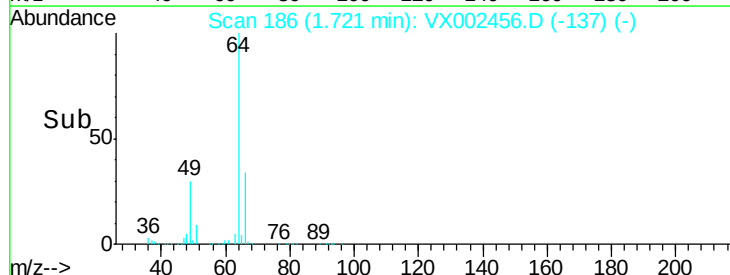
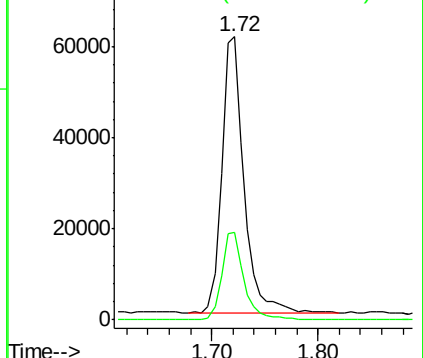
64 100

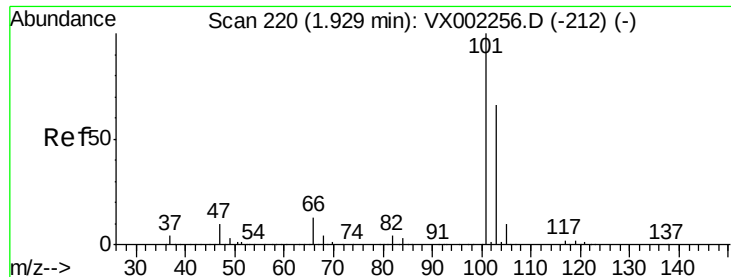
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.21 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

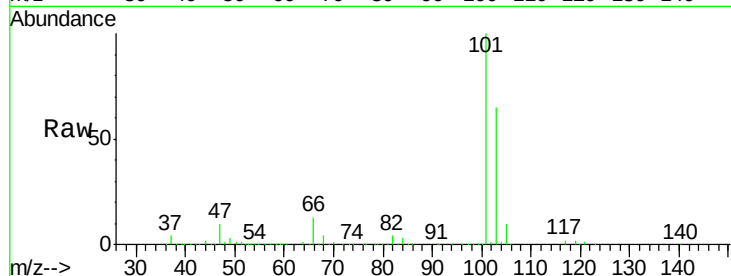
VSTDCCC050EC

Tgt Ion:101 Resp: 208878

Ion Ratio Lower Upper

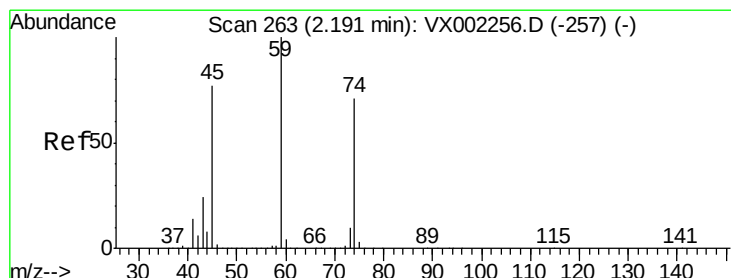
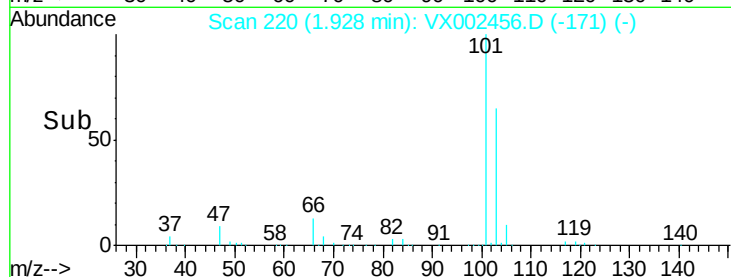
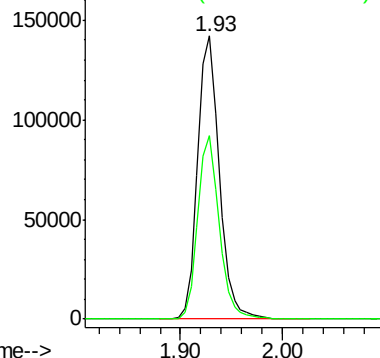
101 100

103 64.6 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 63.80 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002456.D

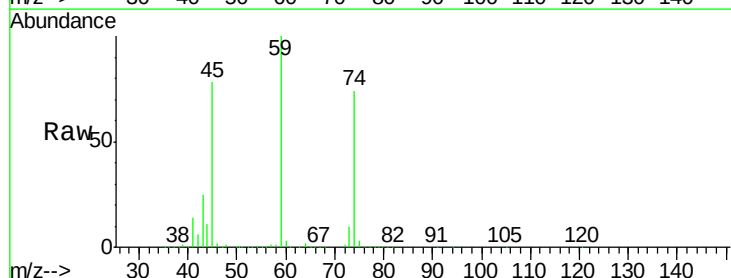
Acq: 11 Jun 2018 21:08

Tgt Ion: 74 Resp: 88074

Ion Ratio Lower Upper

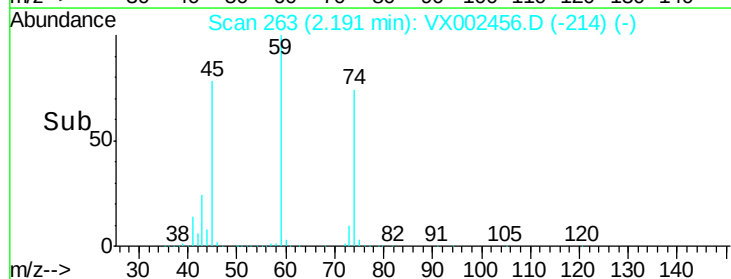
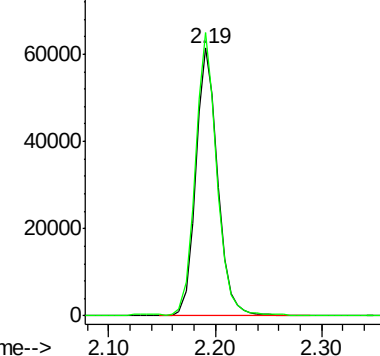
74 100

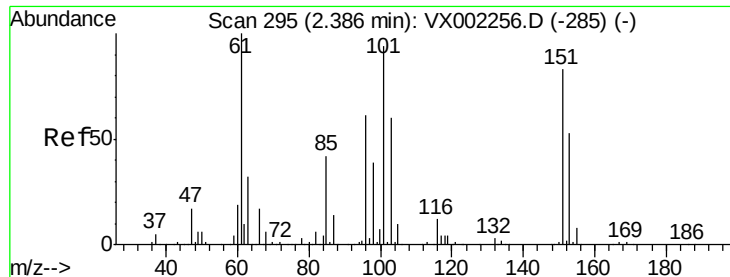
45 103.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.78 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

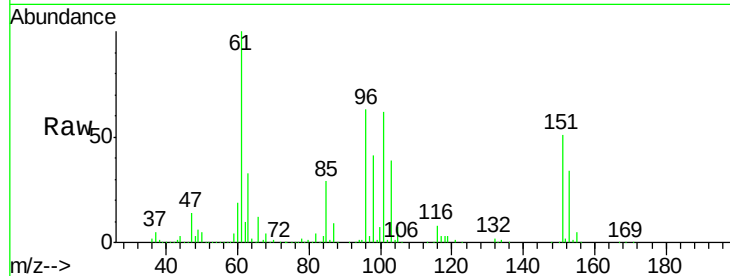
Tgt Ion:101 Resp: 111802

Ion Ratio Lower Upper

101 100

85 46.3 36.0 54.0

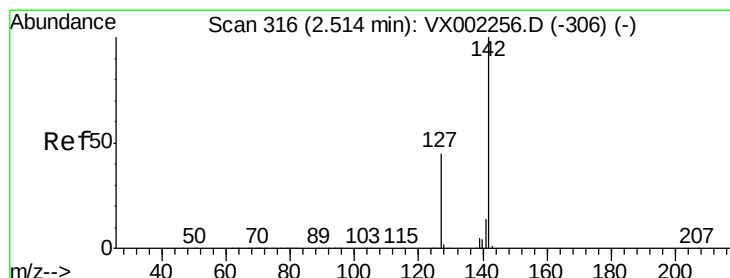
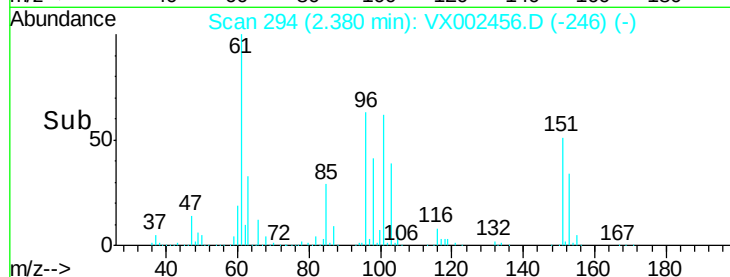
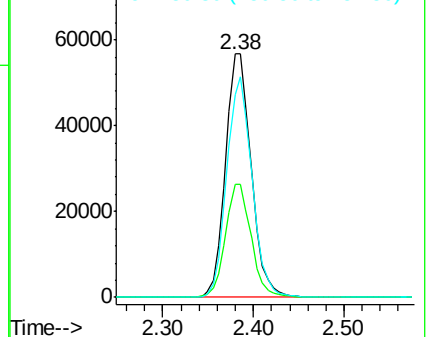
151 88.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.19 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

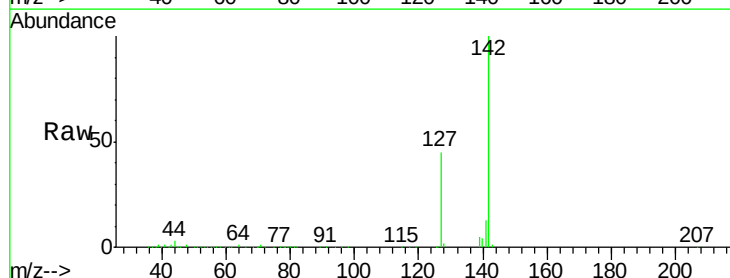
Tgt Ion:142 Resp: 128690

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

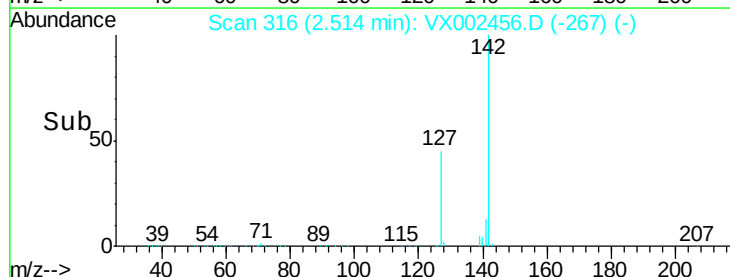
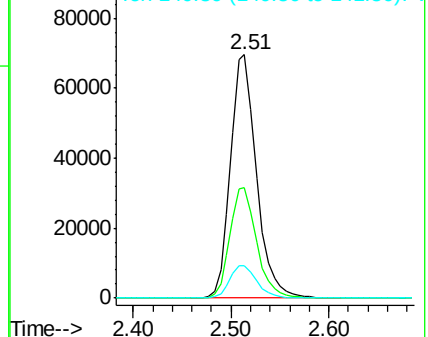
141 14.1 11.3 16.9

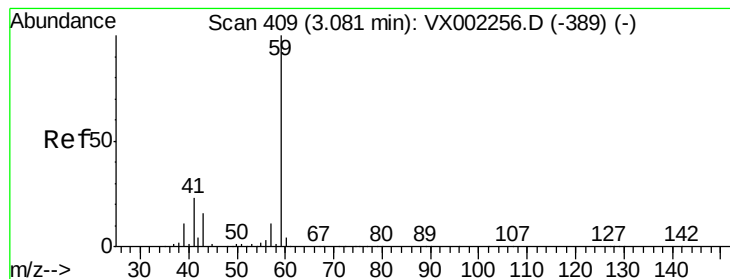


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



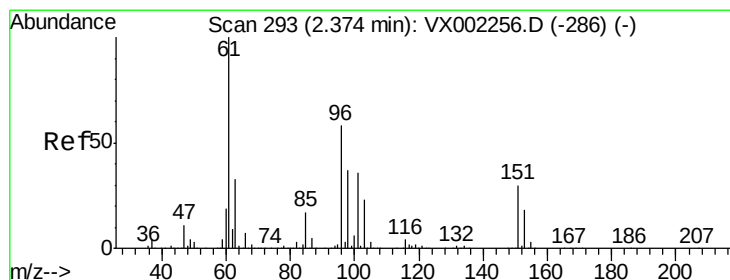
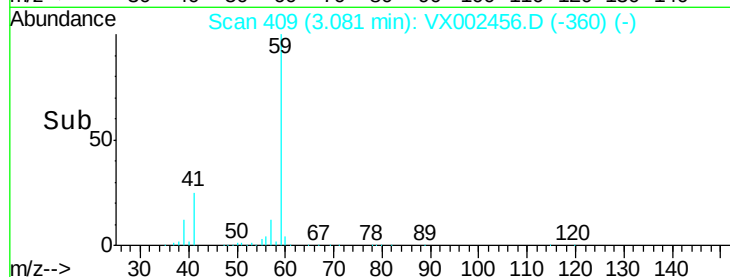
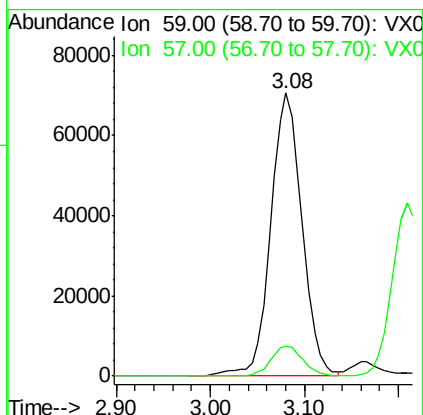
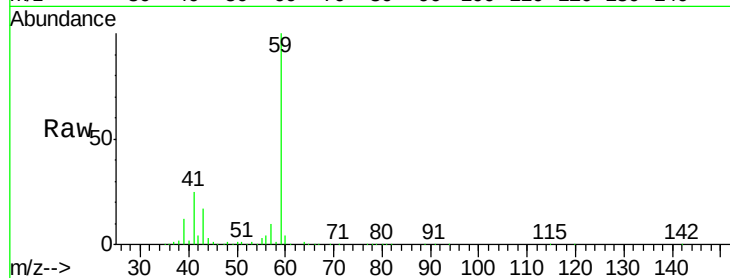


#11

Tert butyl alcohol
 Concen: 286.77 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

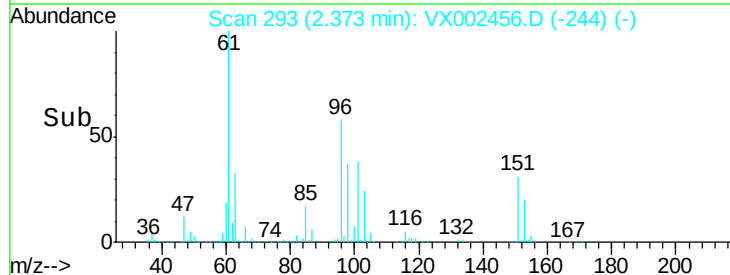
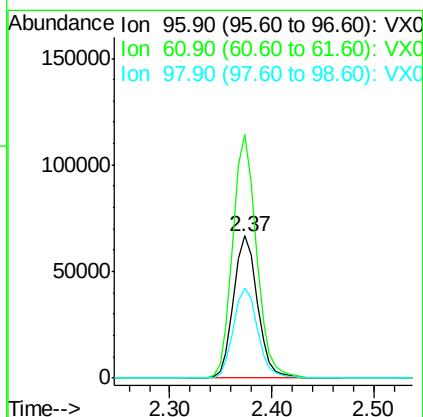
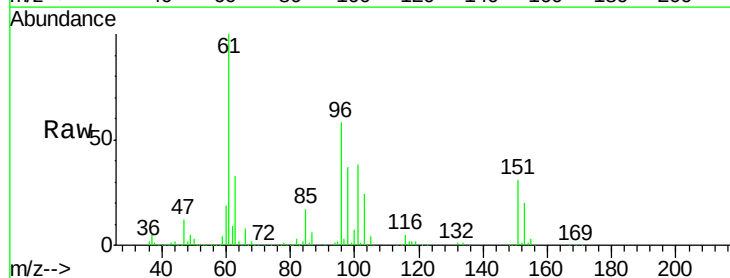
Tgt Ion: 59 Resp: 163603
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

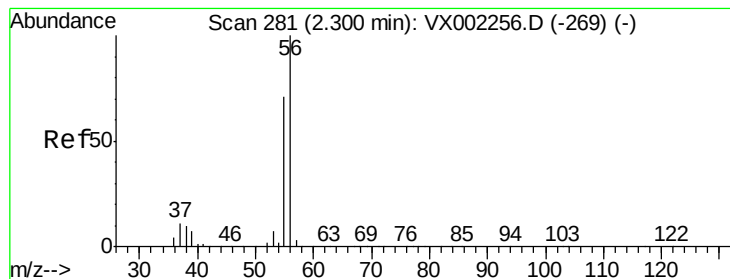


#12

1,1-Dichloroethene
 Concen: 51.70 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion: 96 Resp: 108240
 Ion Ratio Lower Upper
 96 100
 61 171.1 137.9 206.9
 98 63.6 51.6 77.4





#13

Acrolein

Concen: 237.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

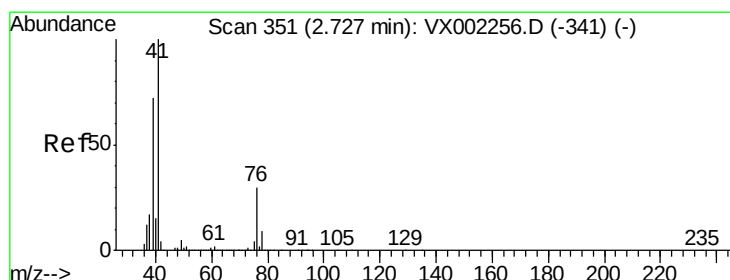
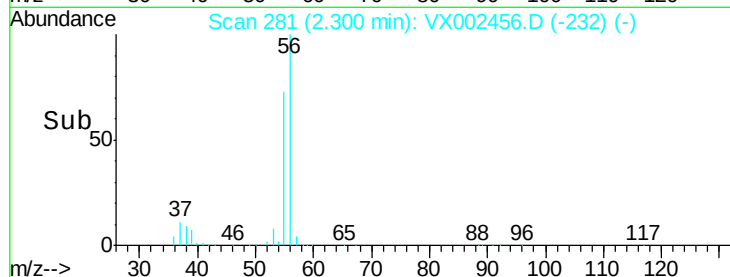
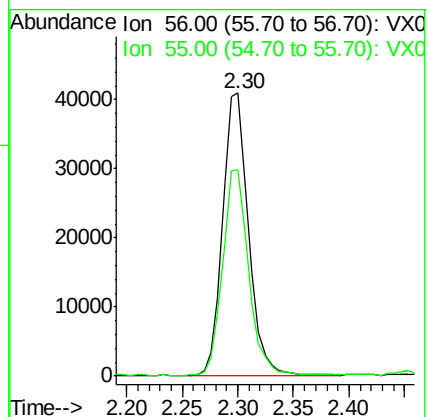
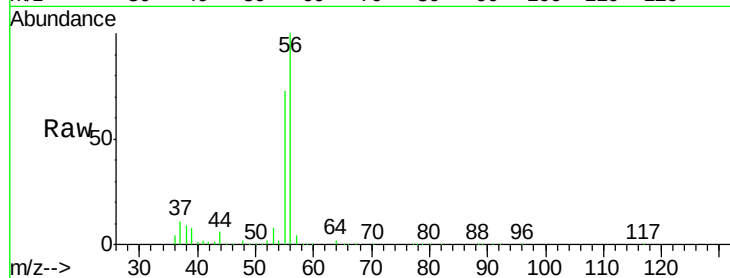
VSTDCCC050EC

Tgt Ion: 56 Resp: 66438

Ion Ratio Lower Upper

56 100

55 72.9 57.0 85.4



#14

Allyl chloride

Concen: 50.75 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

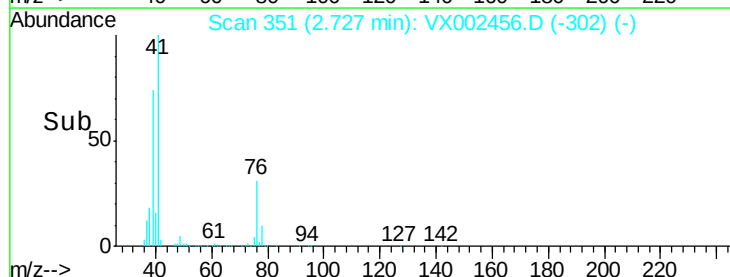
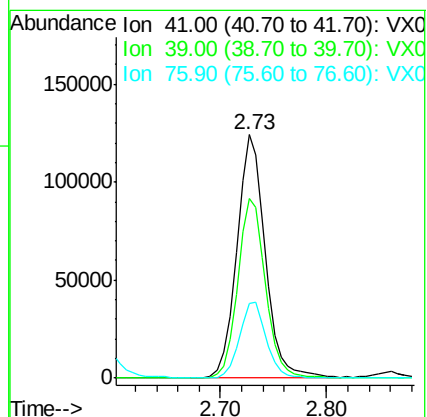
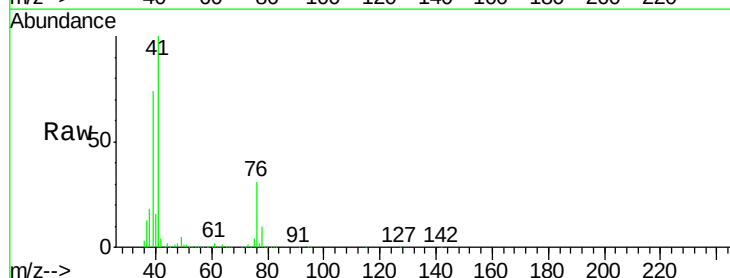
Tgt Ion: 41 Resp: 230591

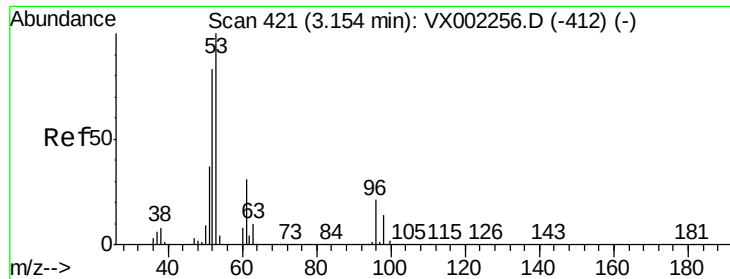
Ion Ratio Lower Upper

41 100

39 72.1 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 314.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

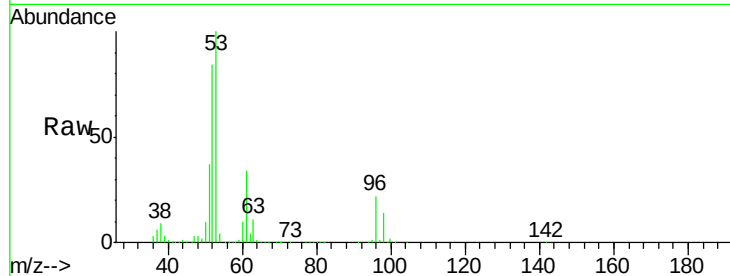
Tgt Ion: 53 Resp: 372881

Ion Ratio Lower Upper

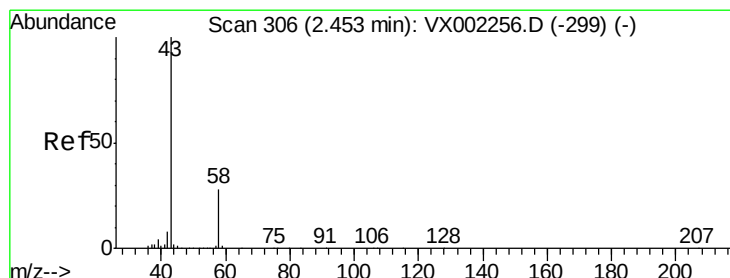
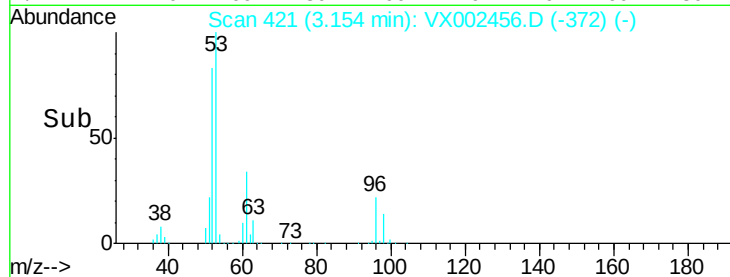
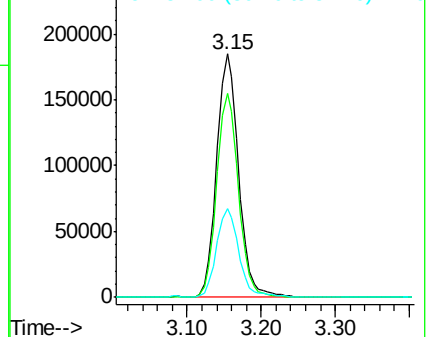
53 100

52 83.6 66.7 100.1

51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 286.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002456.D

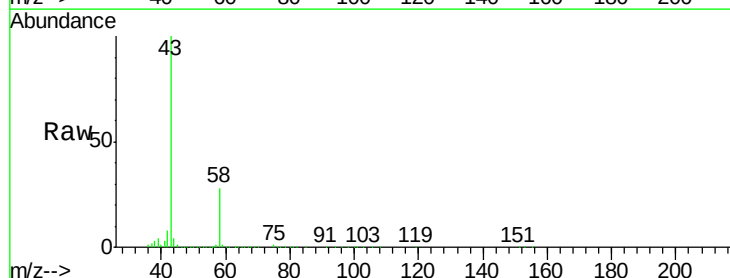
Acq: 11 Jun 2018 21:08

Tgt Ion: 43 Resp: 343324

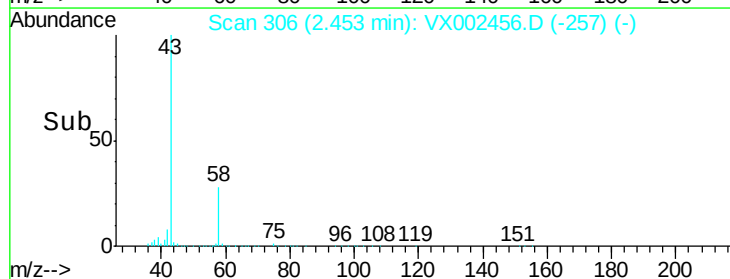
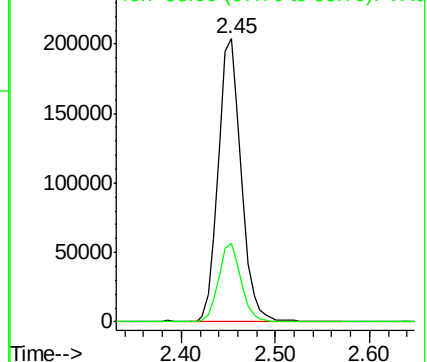
Ion Ratio Lower Upper

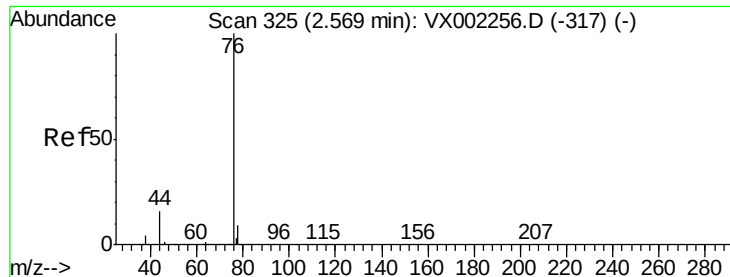
43 100

58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.04 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

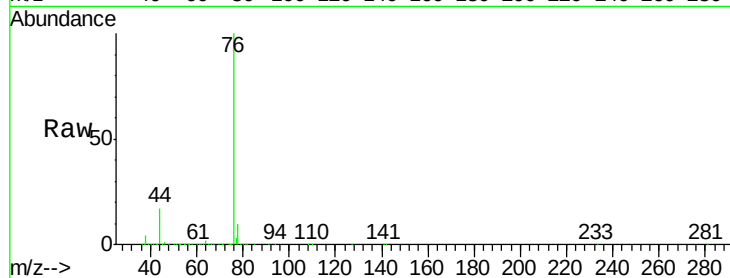
VSTDCCC050EC

Tgt Ion: 76 Resp: 248498

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

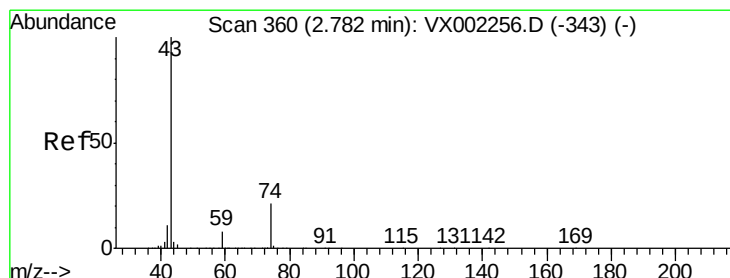
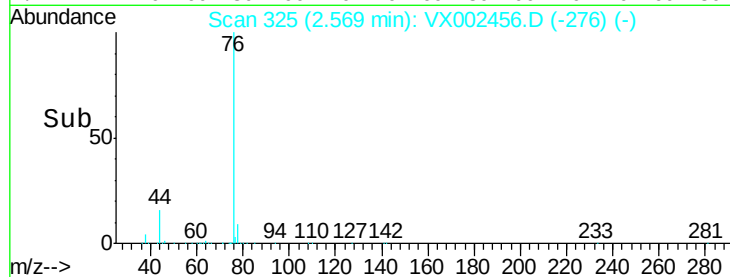
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 66.85 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002456.D

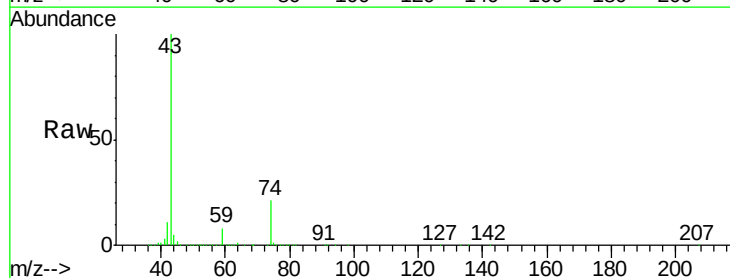
Acq: 11 Jun 2018 21:08

Tgt Ion: 43 Resp: 185783

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

60000

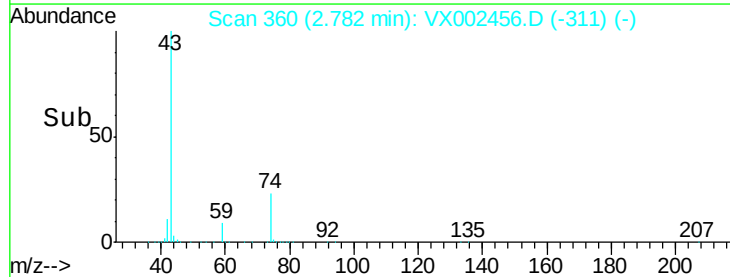
40000

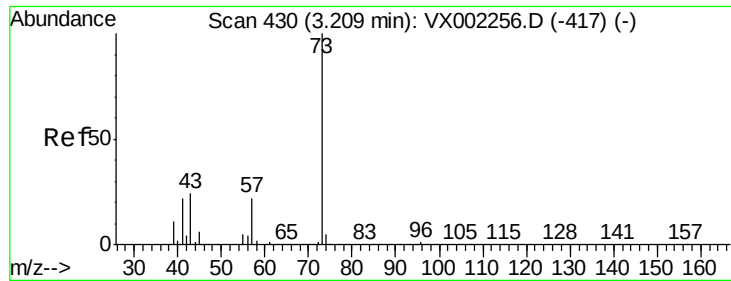
20000

0

Time-->

2.70 2.75 2.80 2.85

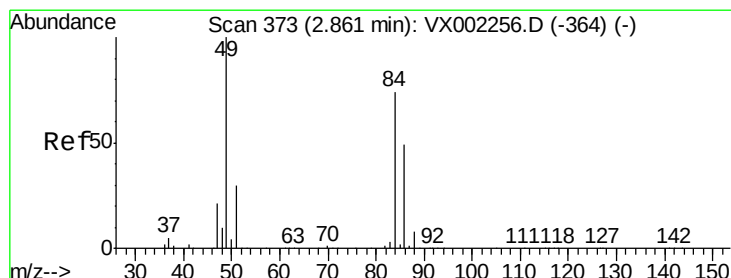
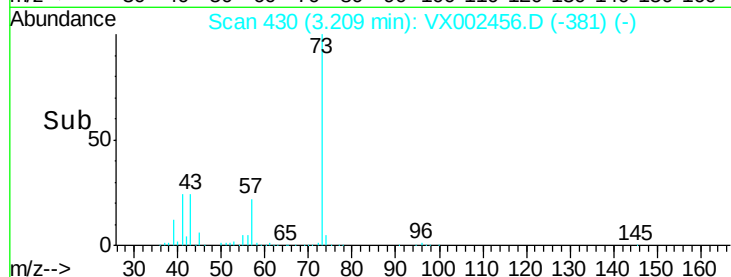
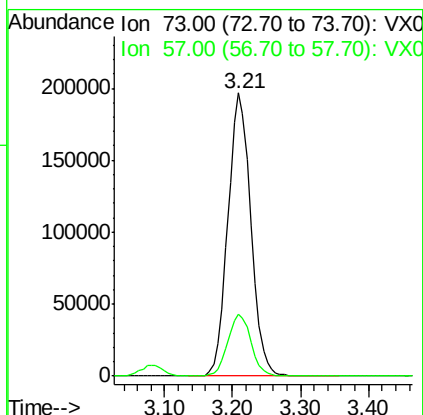
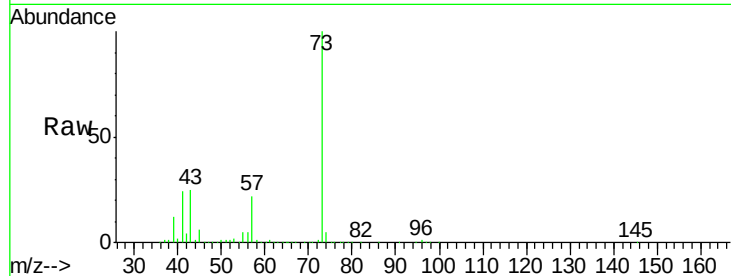




#19
Methyl tert-butyl Ether
Concen: 63.66 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

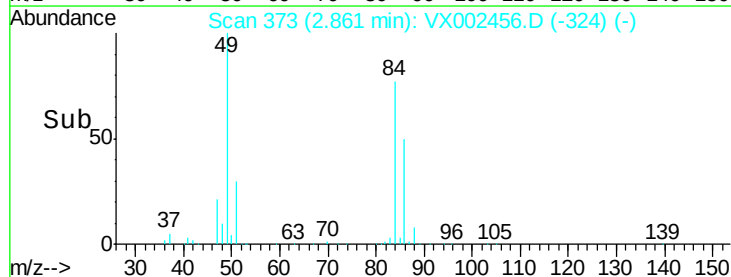
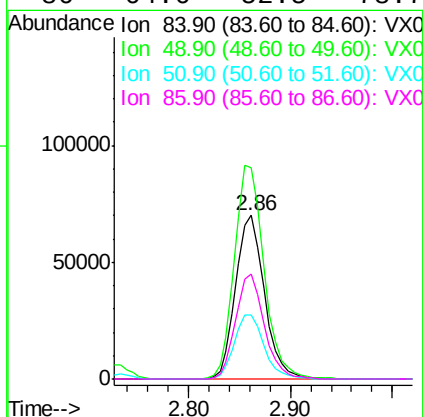
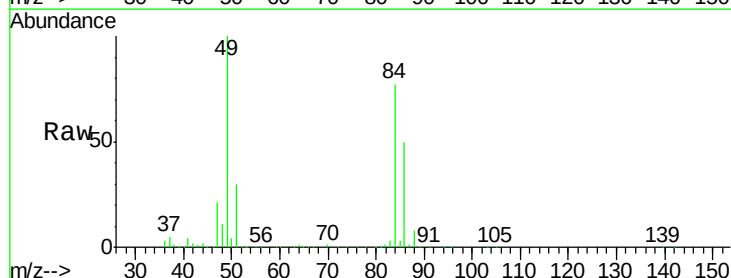
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

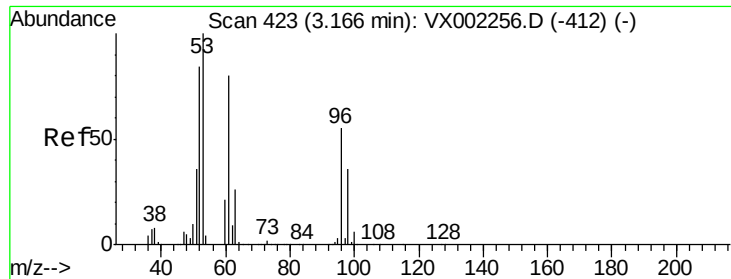
Tgt Ion: 73 Resp: 459338
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 62.35 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 84 Resp: 137117
Ion Ratio Lower Upper
84 100
49 129.5 107.8 161.6
51 39.2 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.87 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

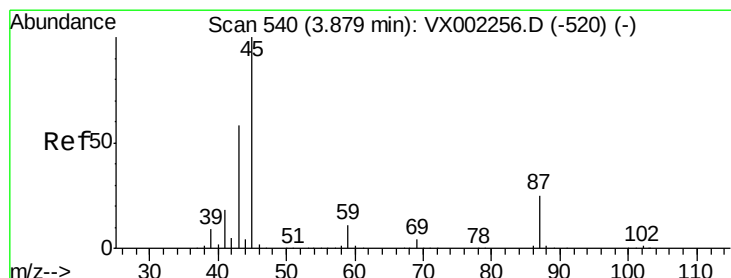
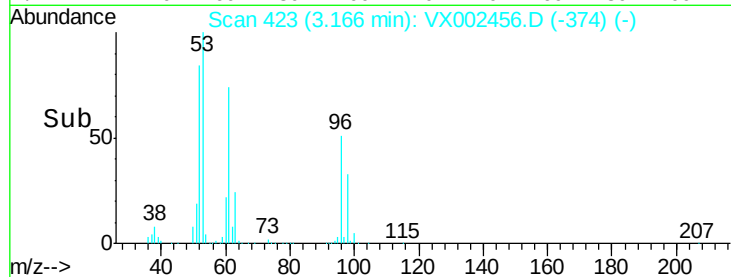
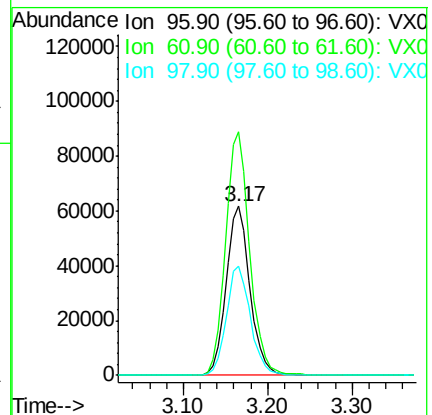
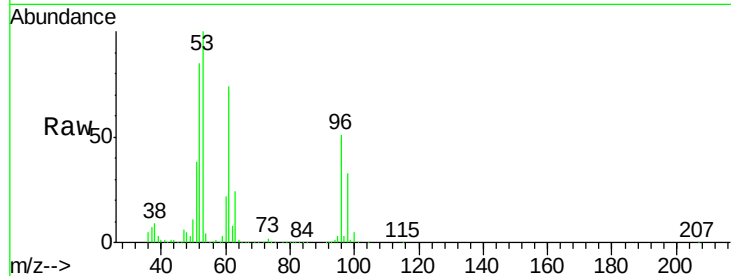
Tgt Ion: 96 Resp: 119760

Ion Ratio Lower Upper

96 100

61 143.9 117.0 175.4

98 64.6 52.4 78.6



#22

Diisopropyl ether

Concen: 55.93 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Tgt Ion: 45 Resp: 423157

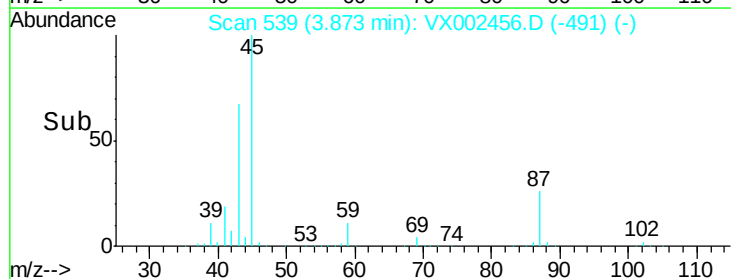
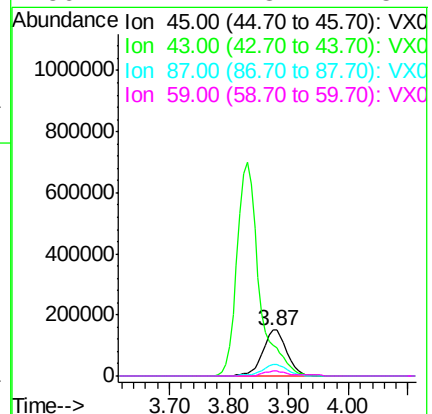
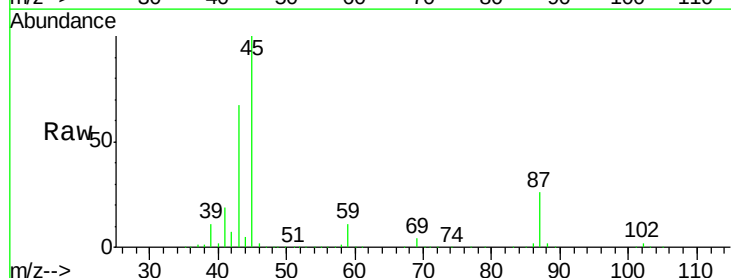
Ion Ratio Lower Upper

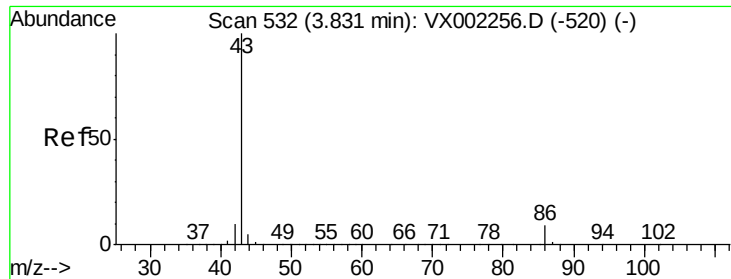
45 100

43 66.8 46.8 70.2

87 25.8 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 246.58 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

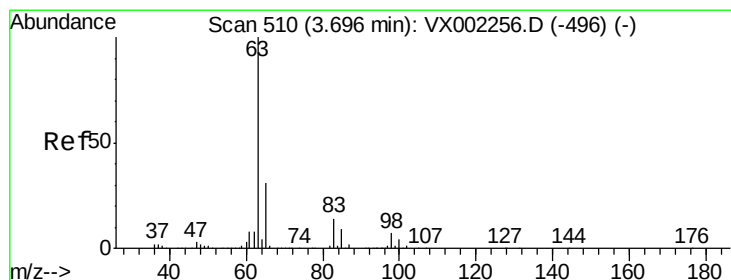
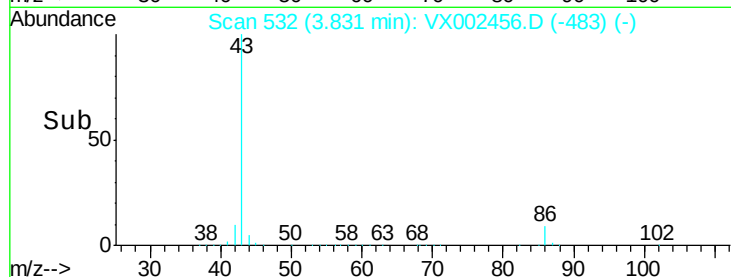
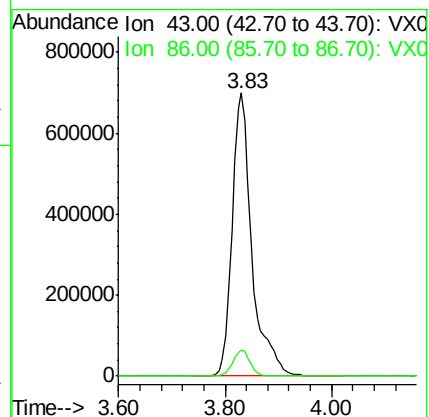
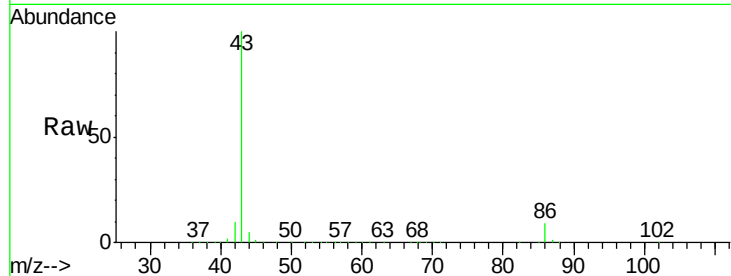
VSTDCCC050EC

Tgt Ion: 43 Resp: 1816070

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 53.87 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

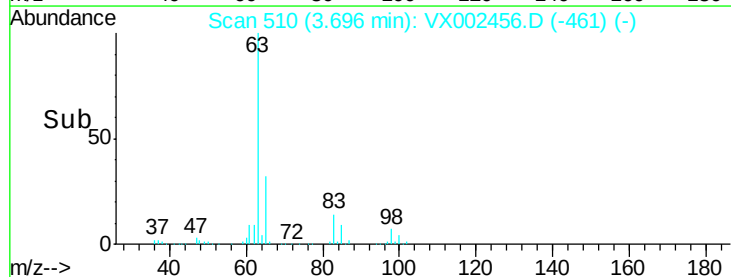
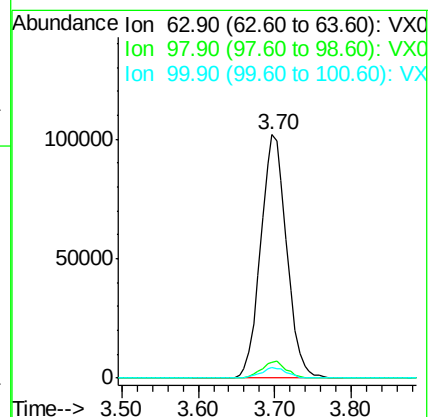
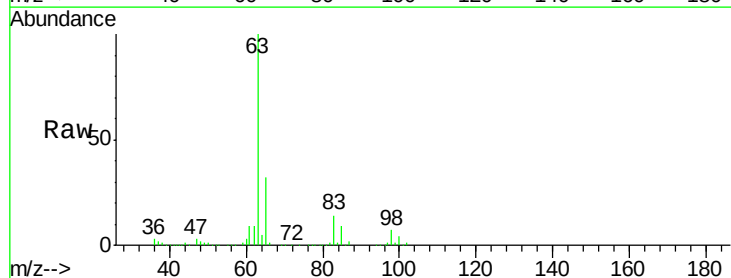
Tgt Ion: 63 Resp: 241897

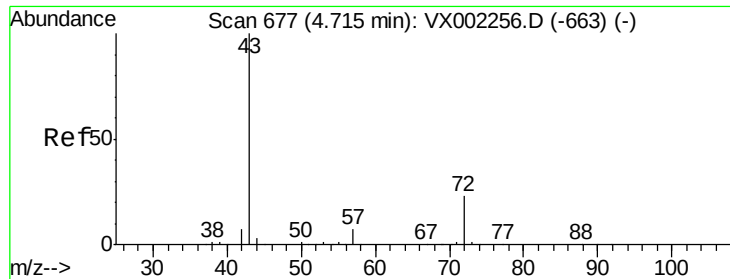
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 242.47 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

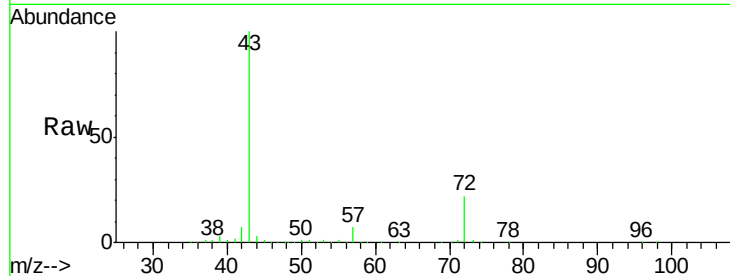
VSTDCCC050EC

Tgt Ion: 43 Resp: 467539

Ion Ratio Lower Upper

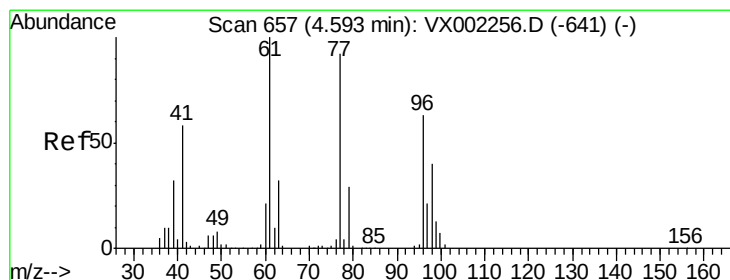
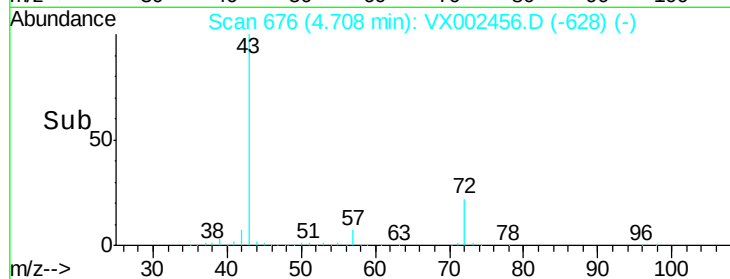
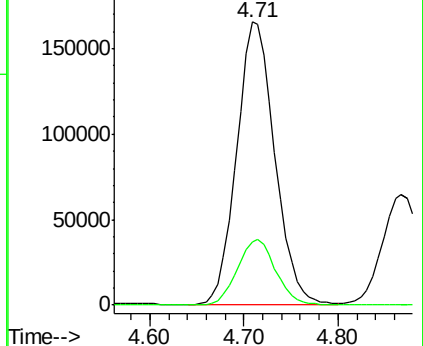
43 100

72 22.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.71 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002456.D

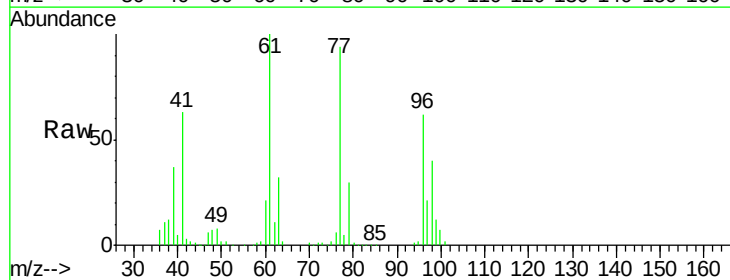
Acq: 11 Jun 2018 21:08

Tgt Ion: 77 Resp: 142905

Ion Ratio Lower Upper

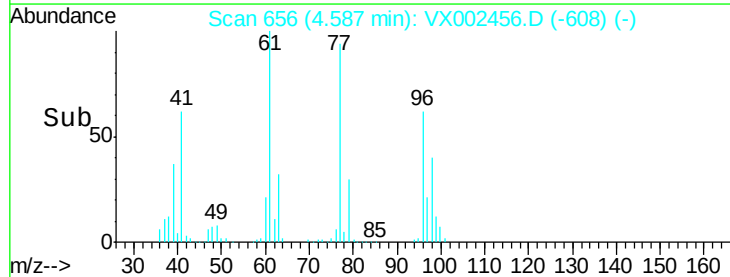
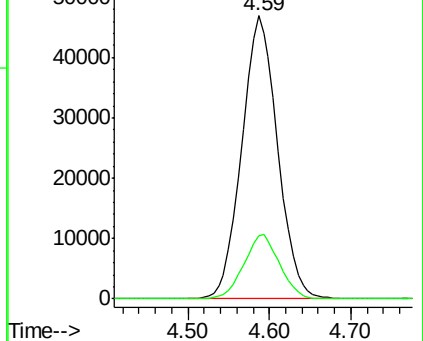
77 100

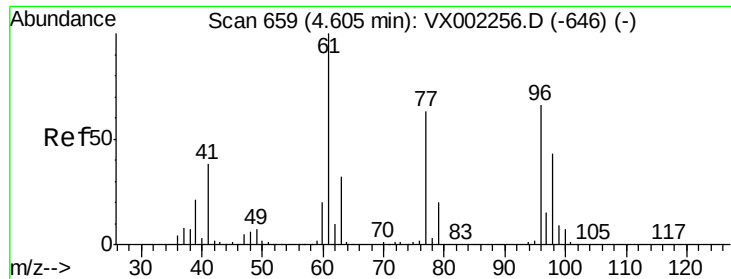
97 22.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.29 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

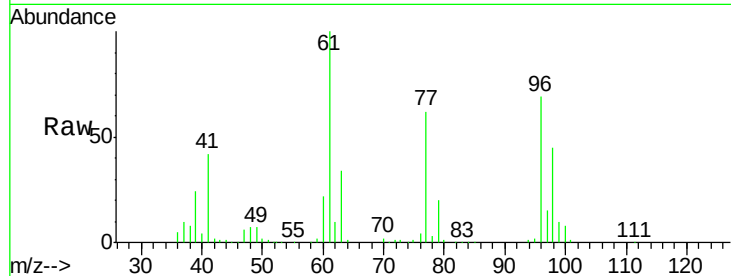
Tgt Ion: 96 Resp: 123743

Ion Ratio Lower Upper

96 100

61 155.4 0.0 330.2

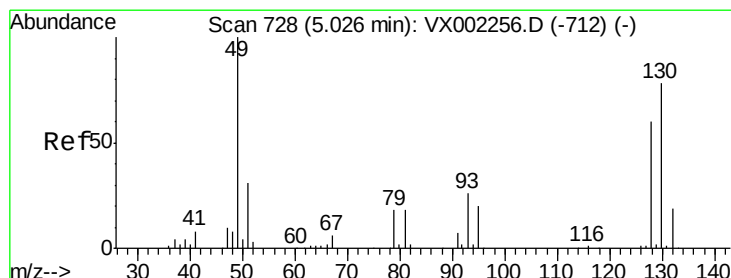
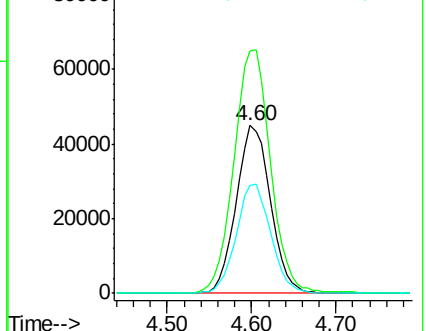
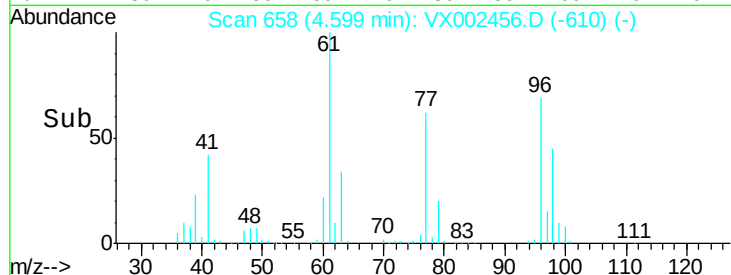
98 65.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 59.96 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

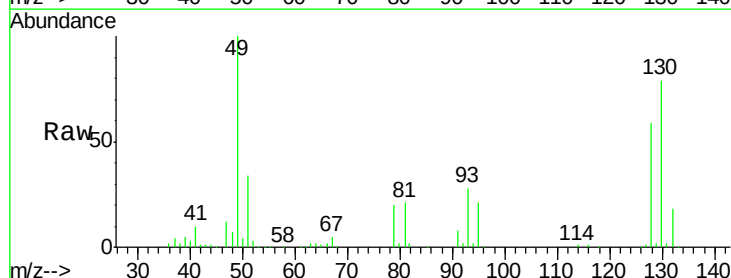
Tgt Ion: 49 Resp: 113158

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

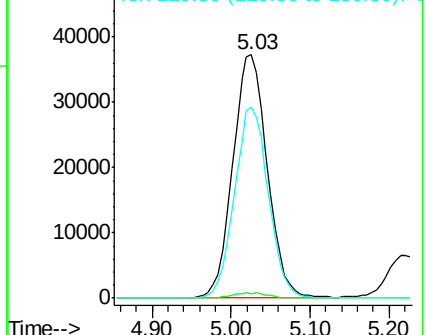
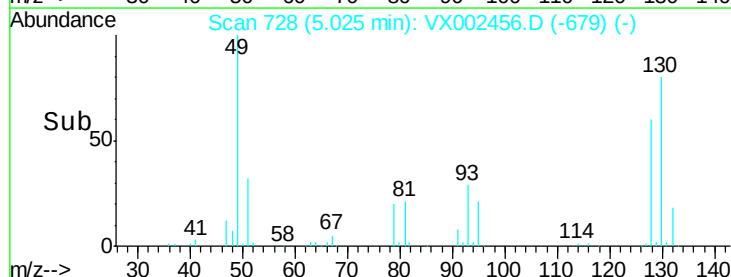
130 77.1 61.2 91.8

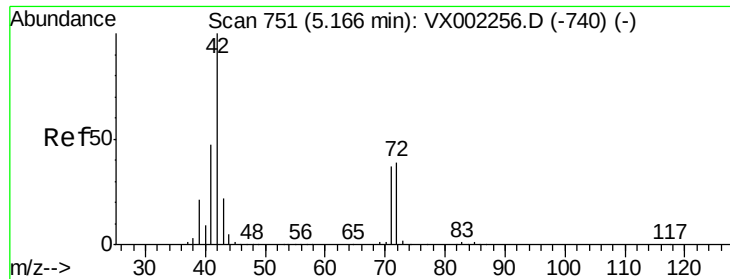


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.35 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

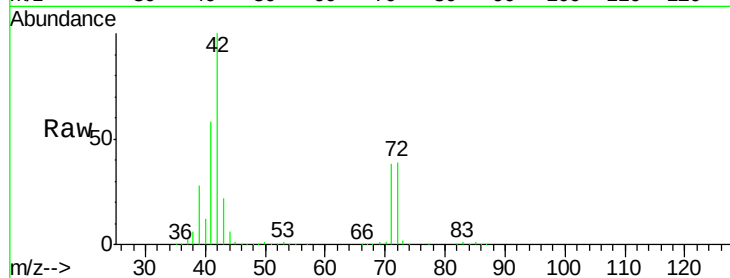
Tgt Ion: 42 Resp: 305018

Ion Ratio Lower Upper

42 100

72 41.4 32.0 48.0

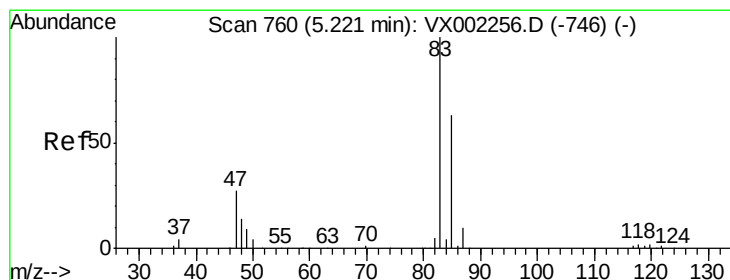
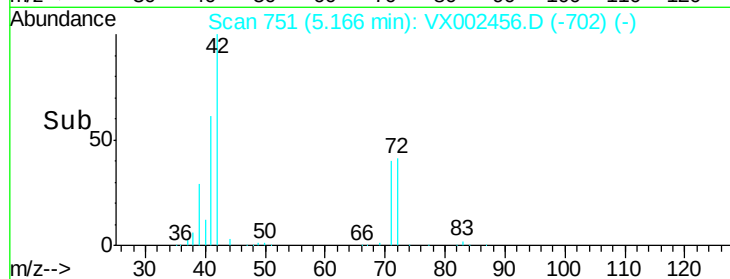
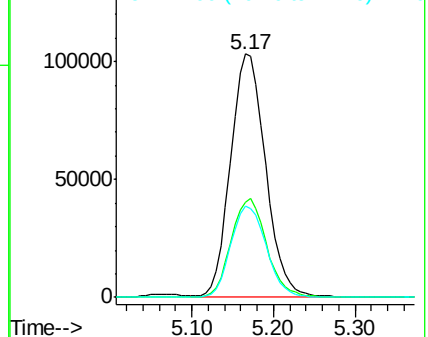
71 38.4 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.88 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002456.D

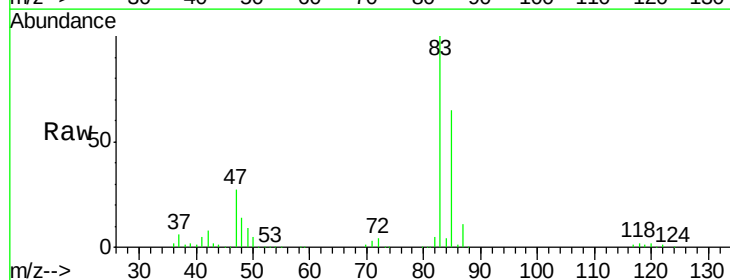
Acq: 11 Jun 2018 21:08

Tgt Ion: 83 Resp: 224819

Ion Ratio Lower Upper

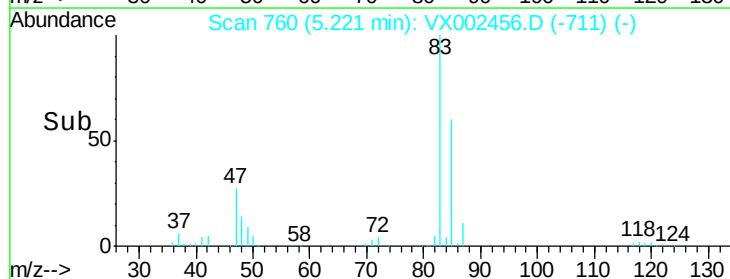
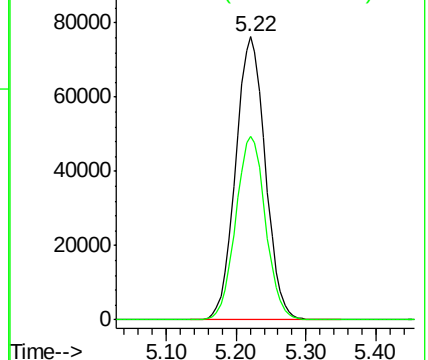
83 100

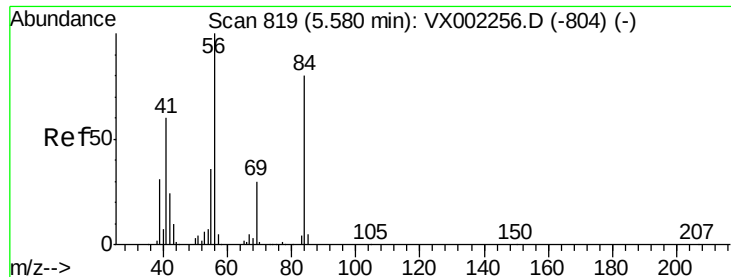
85 64.9 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

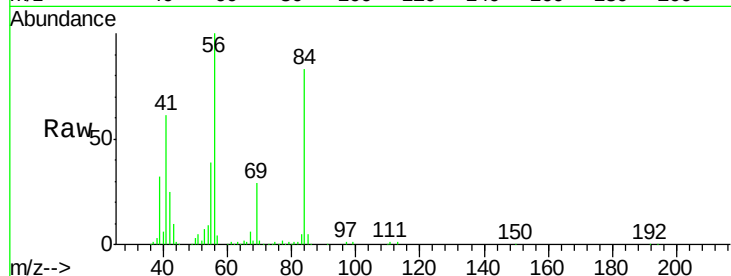




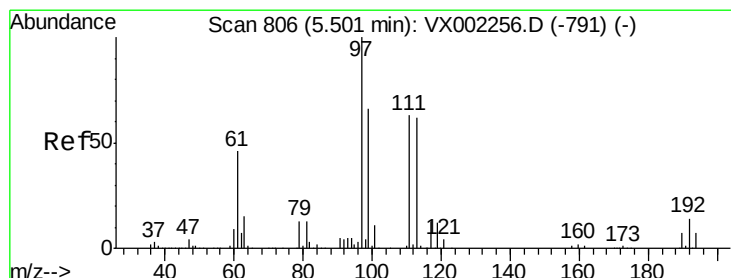
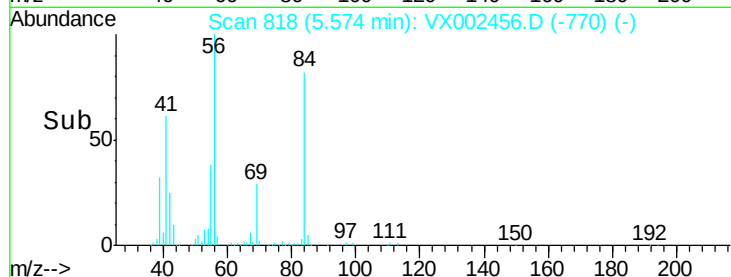
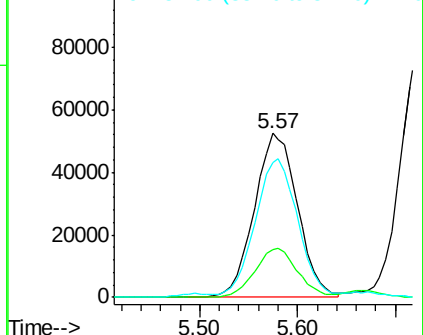
#31
Cyclohexane
Concen: 45.51 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 161580
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 80.7 64.1 96.1

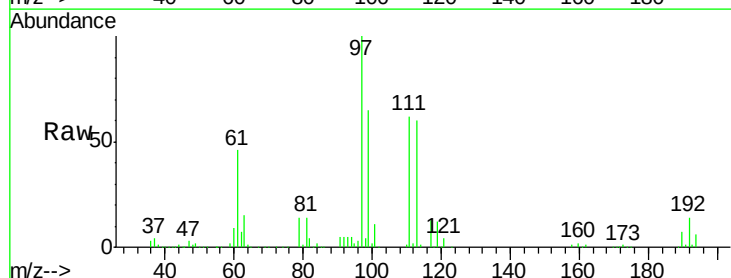


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

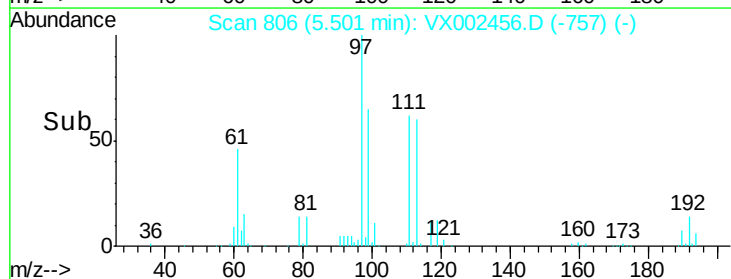
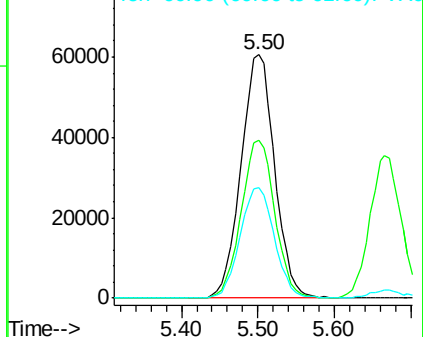


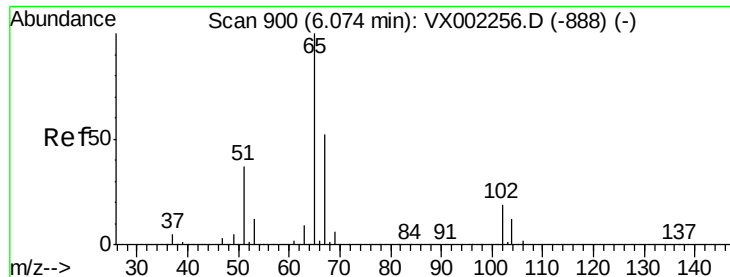
#32
1,1,1-Trichloroethane
Concen: 50.31 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 97 Resp: 184883
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 46.5 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

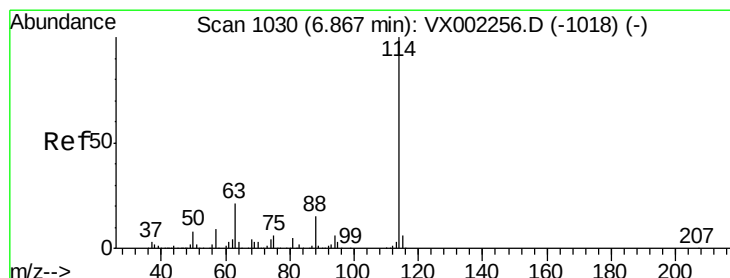
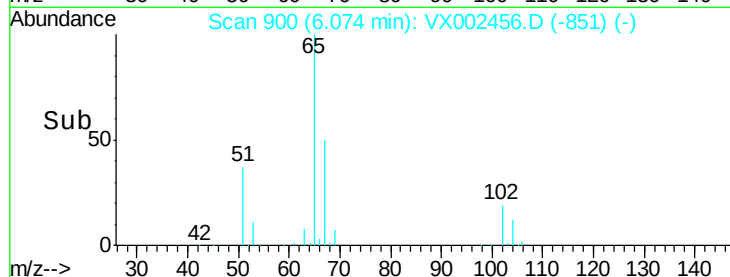
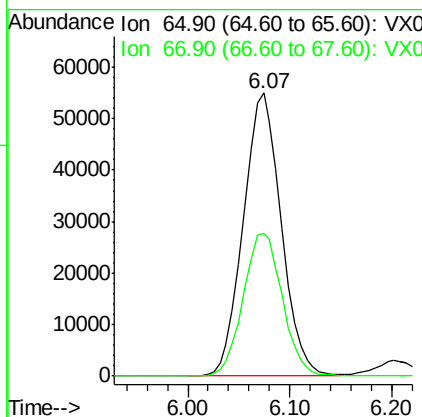
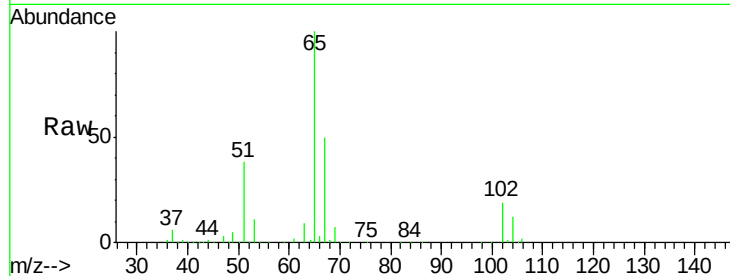




#33
 1,2-Dichloroethane-d4
 Concen: 50.59 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

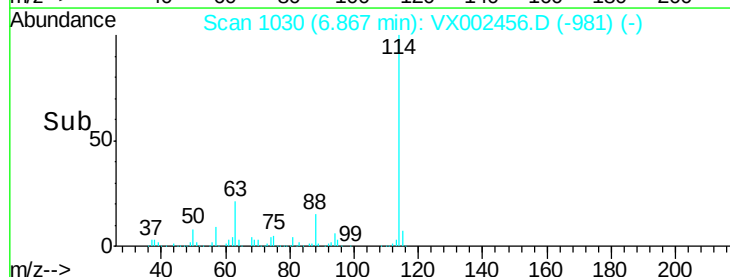
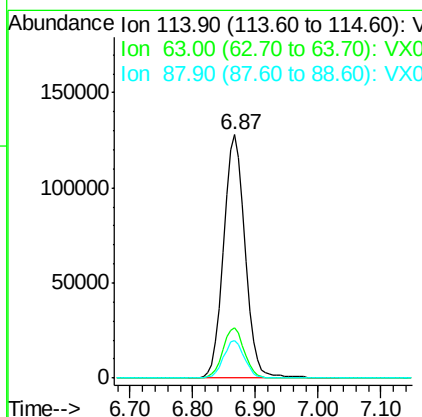
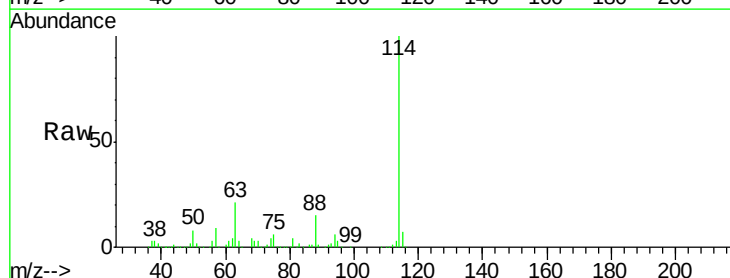
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

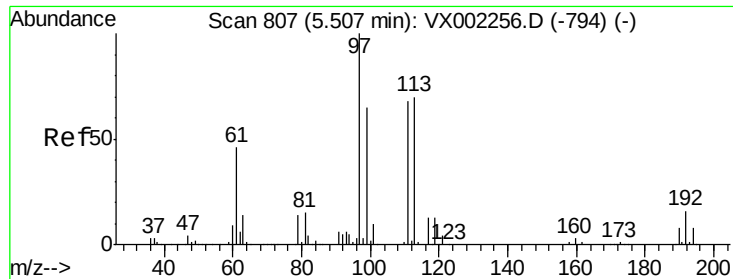
Tgt Ion: 65 Resp: 142151
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion: 114 Resp: 303604
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.4 0.0 30.0

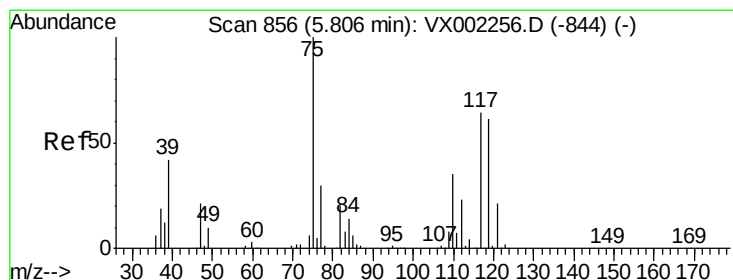
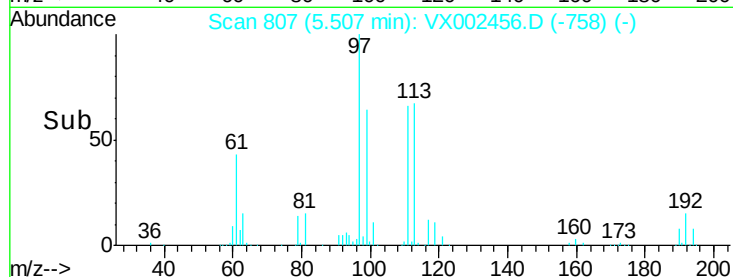
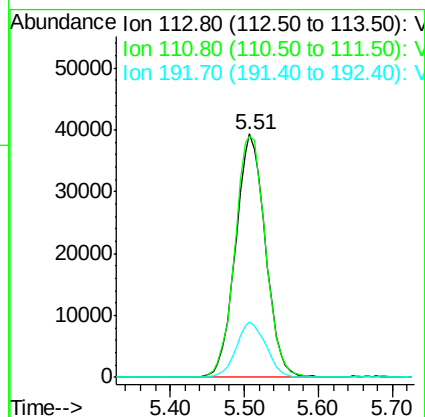
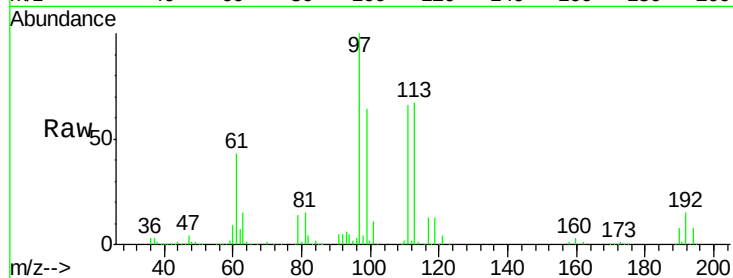




#35
 Dibromofluoromethane
 Concen: 46.08 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

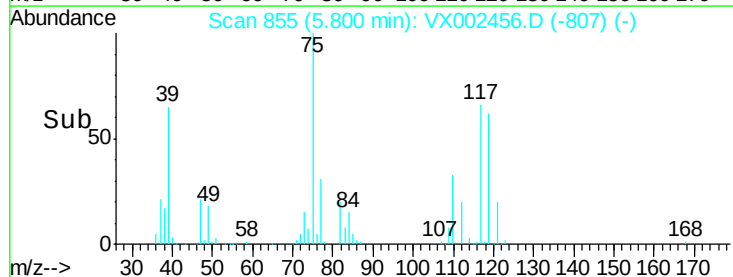
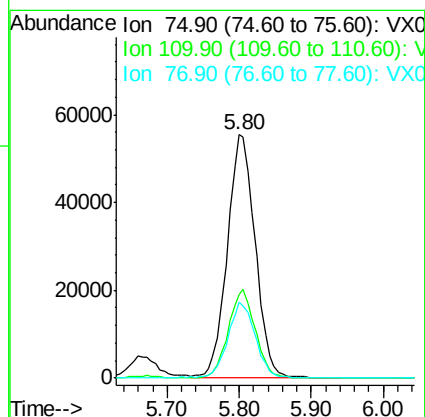
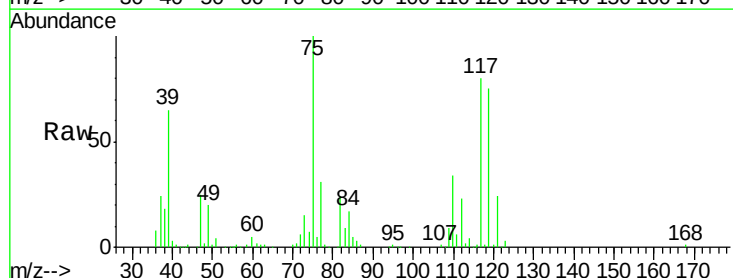
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

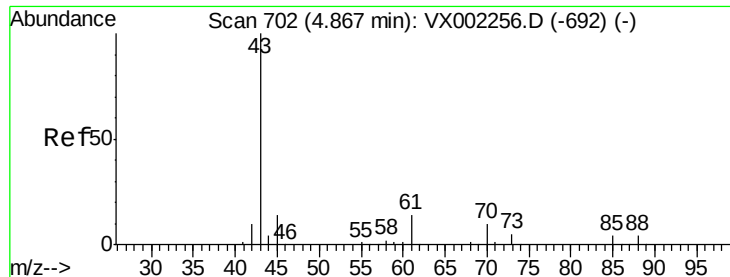
Tgt Ion:113 Resp: 110030
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 22.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 46.69 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion: 75 Resp: 149010
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.4
 77 30.3 24.3 36.5

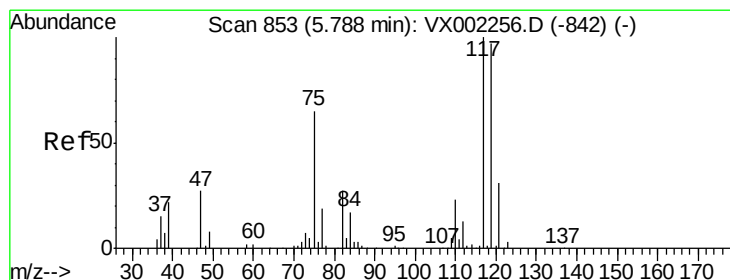
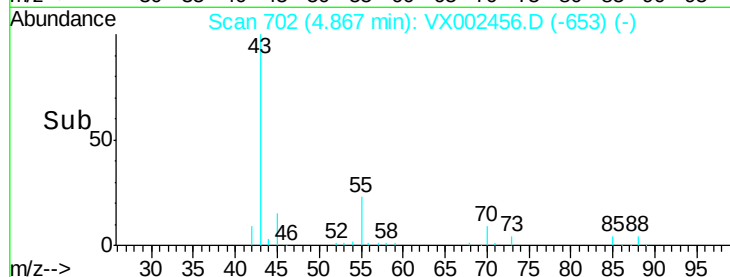
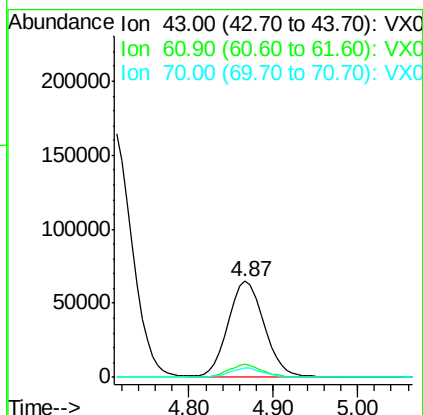
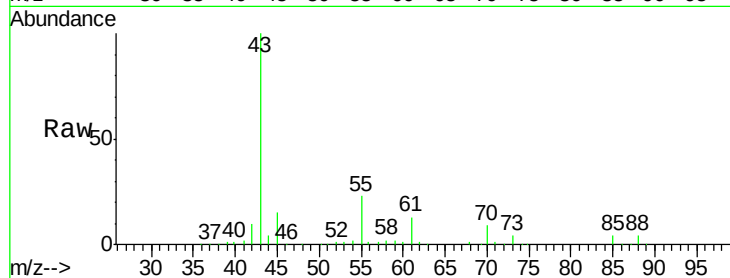




#37
Ethyl Acetate
Concen: 49.53 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

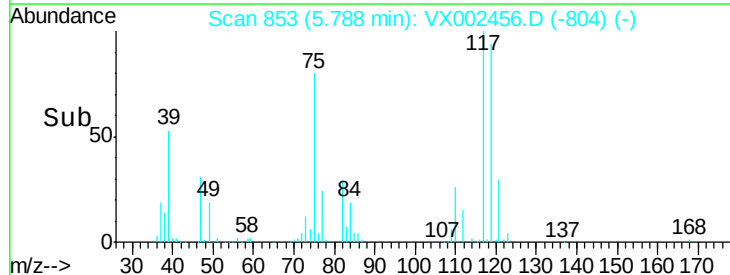
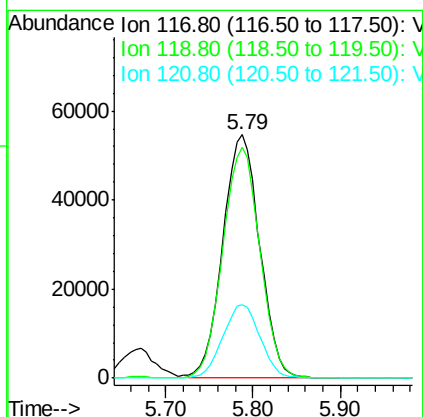
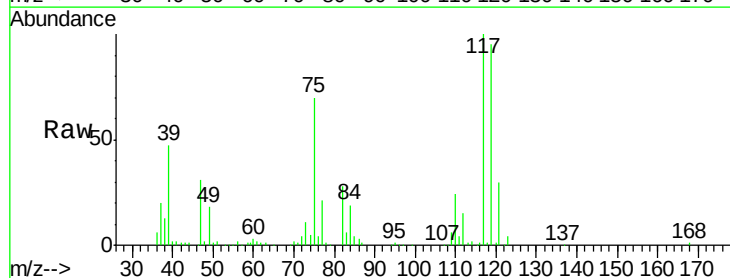
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

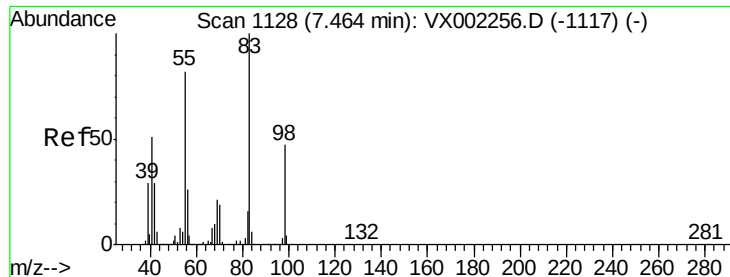
Tgt Ion: 43 Resp: 190115
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 9.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 47.95 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 117 Resp: 160117
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
121 30.1 24.4 36.6

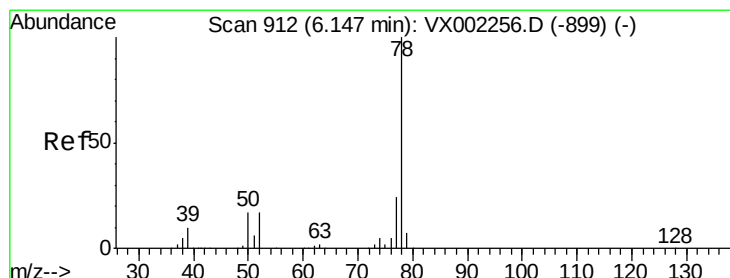
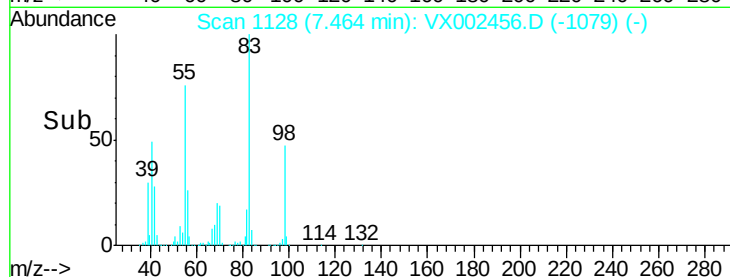
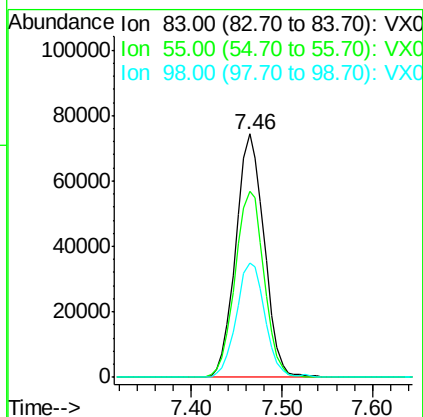
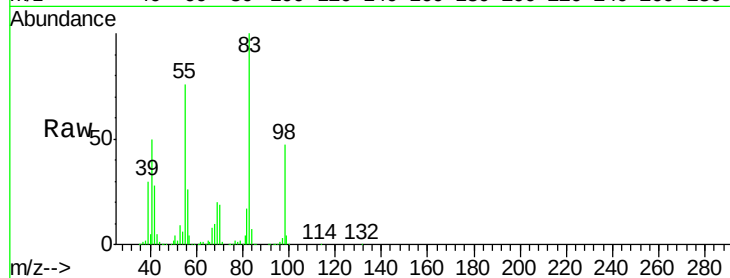




#39
Methylcyclohexane
Concen: 41.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

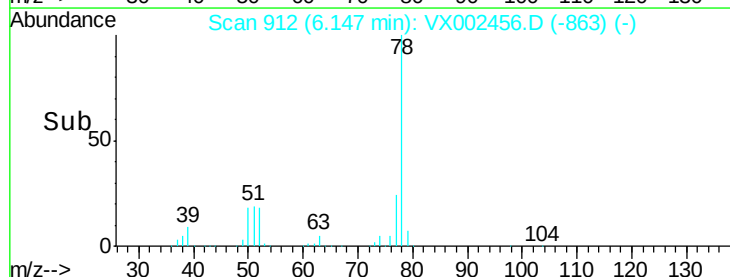
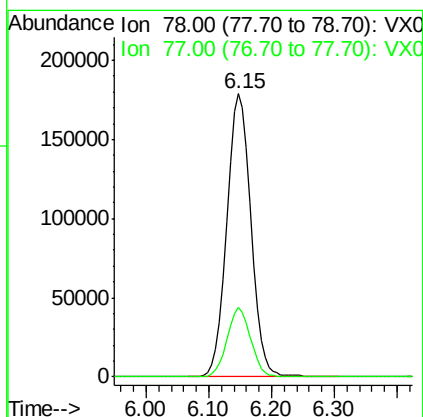
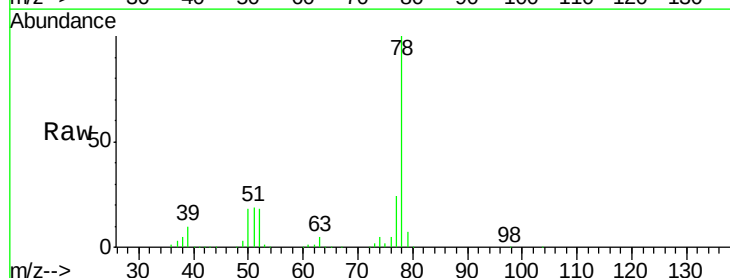
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

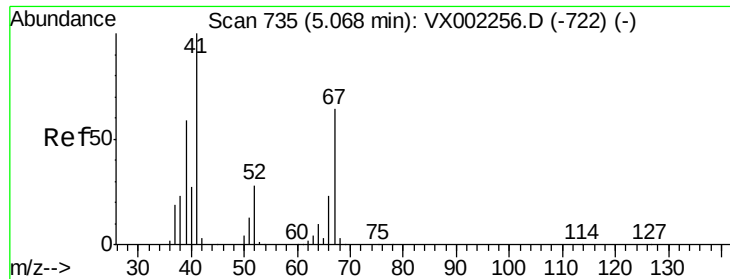
Tgt Ion: 83 Resp: 161805
Ion Ratio Lower Upper
83 100
55 76.3 65.4 98.0
98 47.1 37.4 56.0



#40
Benzene
Concen: 48.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 78 Resp: 476140
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

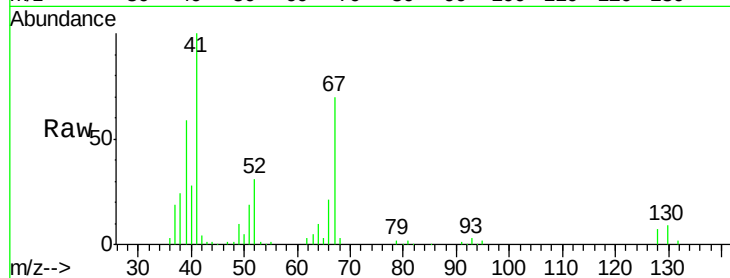




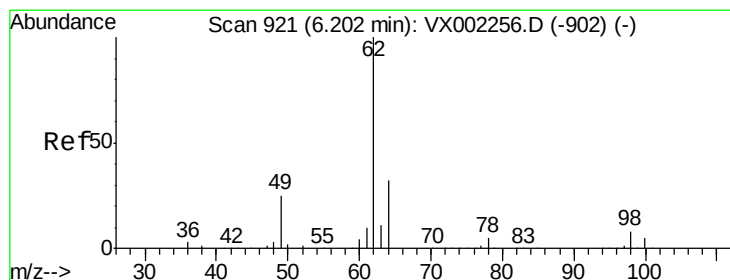
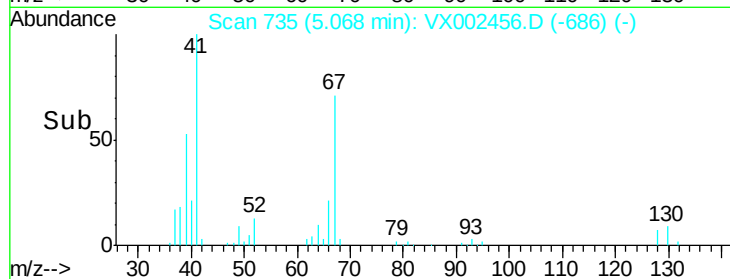
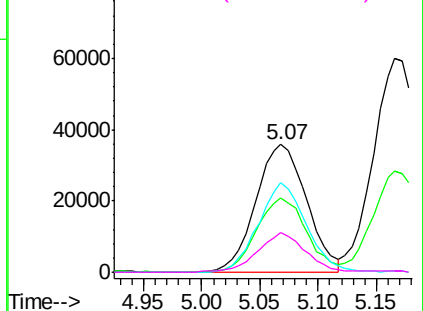
#41
Methacrylonitrile
Concen: 49.19 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	108077
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.6
67	65.9	51.3	76.9
52	28.6	23.0	34.6

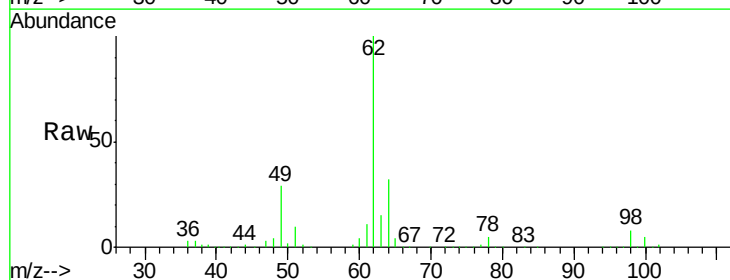


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

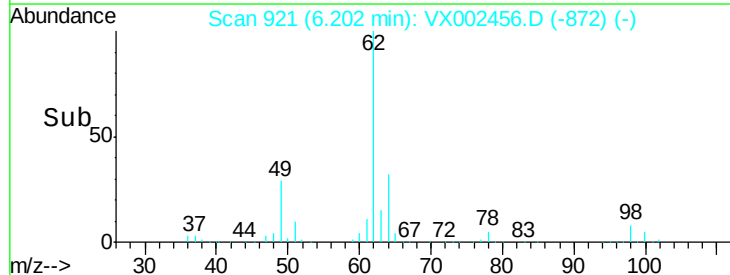
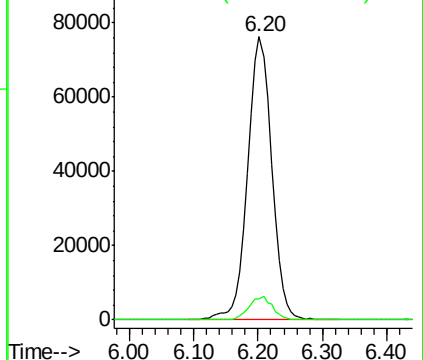


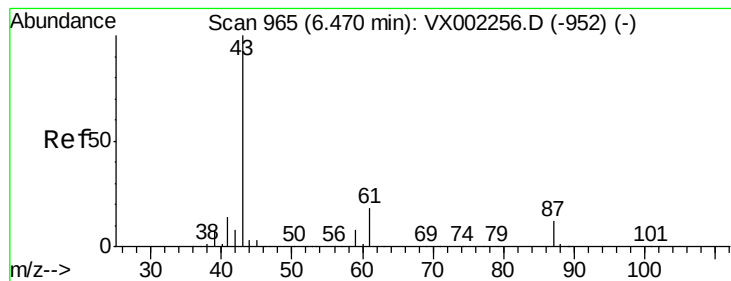
#42
1,2-Dichloroethane
Concen: 50.01 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion:	62	Resp:	194435
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.13 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

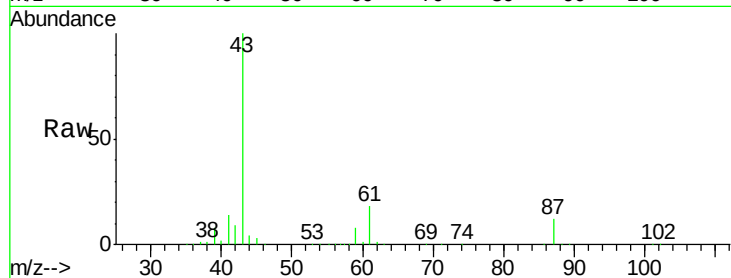
Tgt Ion: 43 Resp: 320295

Ion Ratio Lower Upper

43 100

61 17.7 14.4 21.6

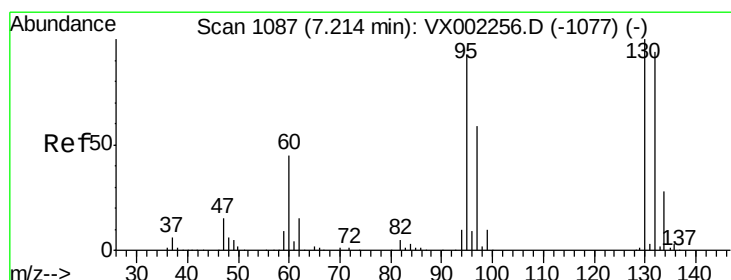
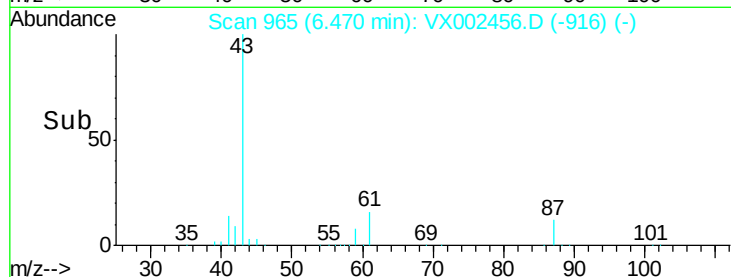
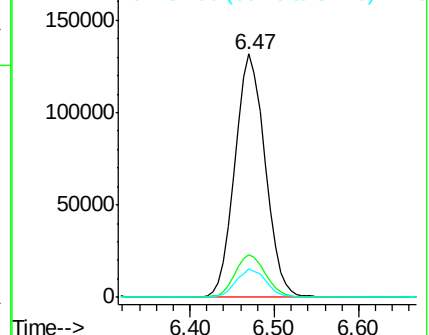
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.18 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002456.D

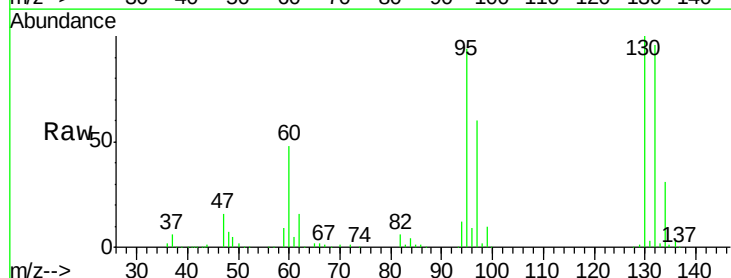
Acq: 11 Jun 2018 21:08

Tgt Ion: 130 Resp: 130853

Ion Ratio Lower Upper

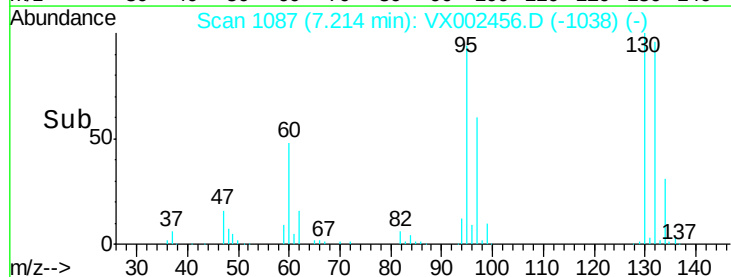
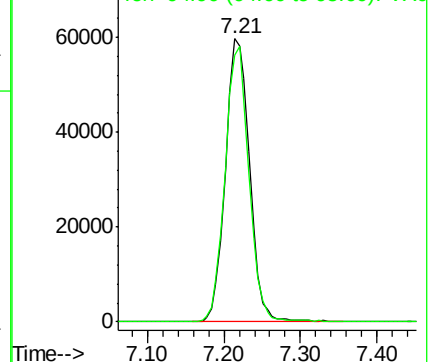
130 100

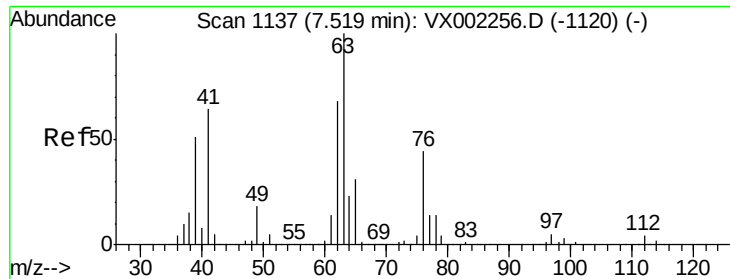
95 94.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

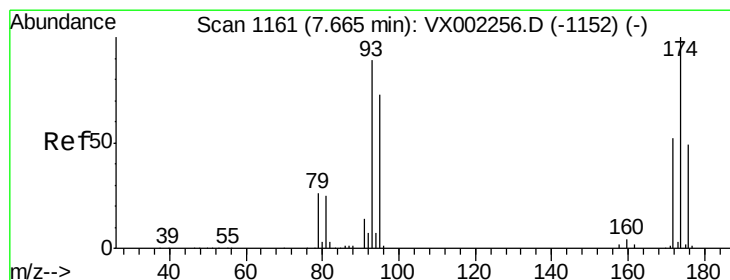
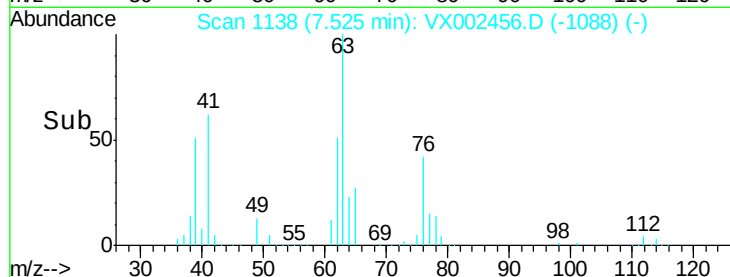
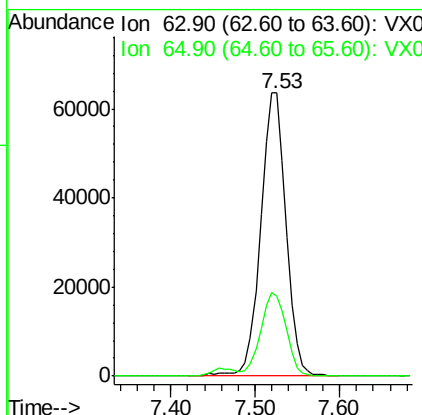
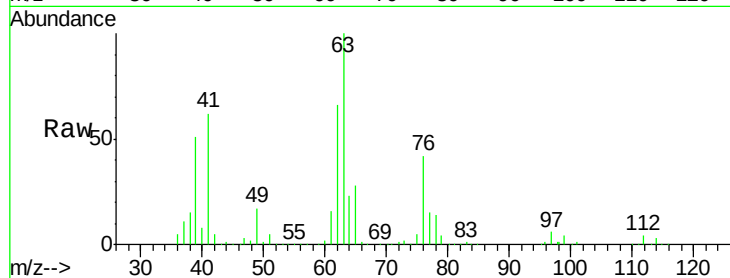




#45
 1,2-Dichloropropane
 Concen: 49.88 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

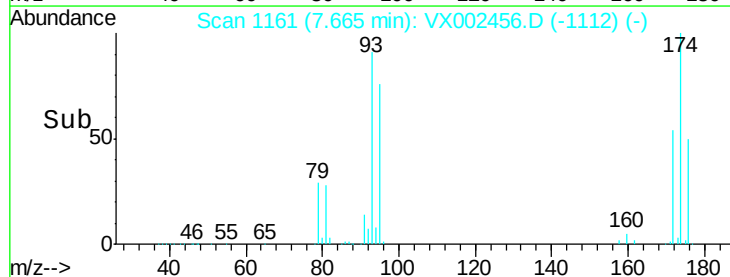
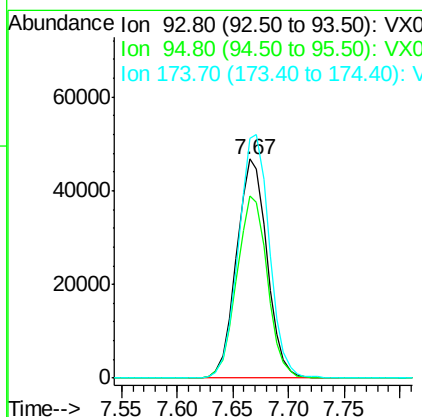
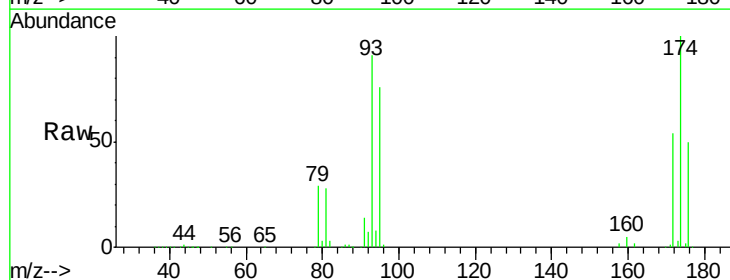
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

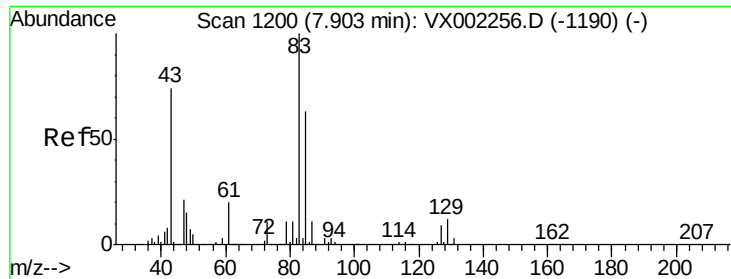
Tgt Ion: 63 Resp: 131789
 Ion Ratio Lower Upper
 63 100
 65 28.2 24.7 37.1



#46
 Dibromomethane
 Concen: 49.59 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion: 93 Resp: 88816
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 113.1 92.4 138.6





#47

Bromodichloromethane

Concen: 52.14 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

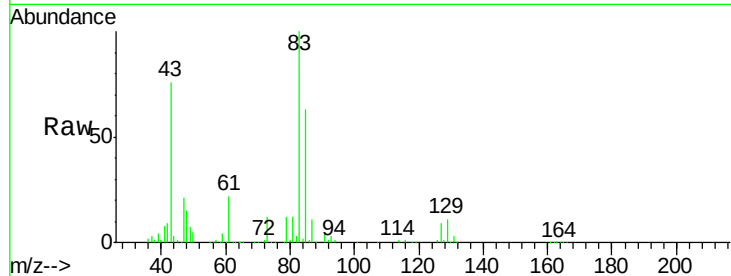
Tgt Ion: 83 Resp: 168895

Ion Ratio Lower Upper

83 100

85 62.5 50.3 75.5

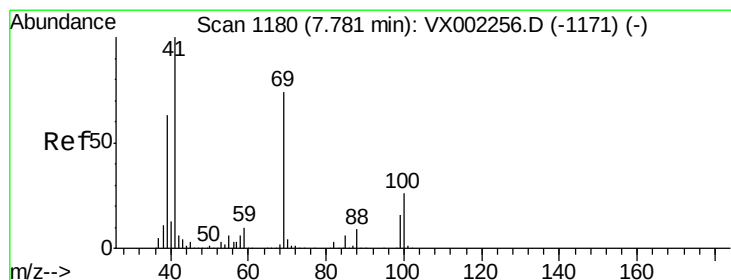
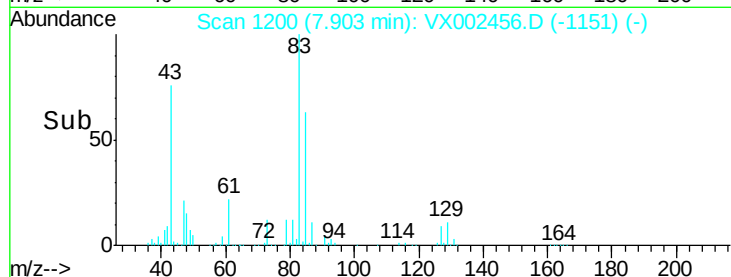
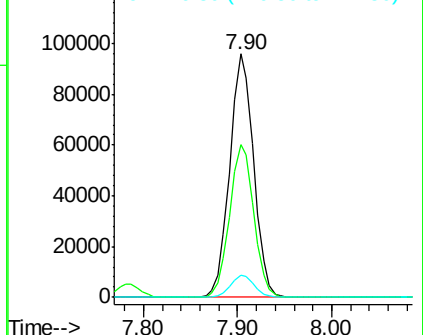
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.17 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

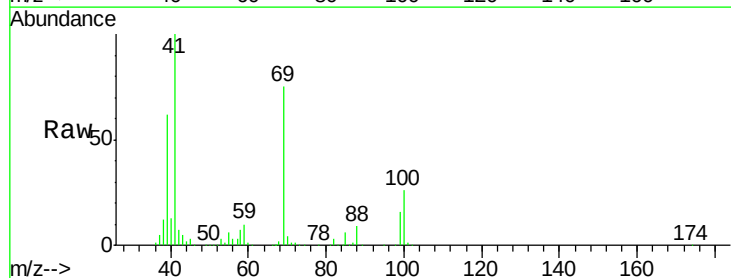
Tgt Ion: 41 Resp: 164289

Ion Ratio Lower Upper

41 100

69 75.3 59.1 88.7

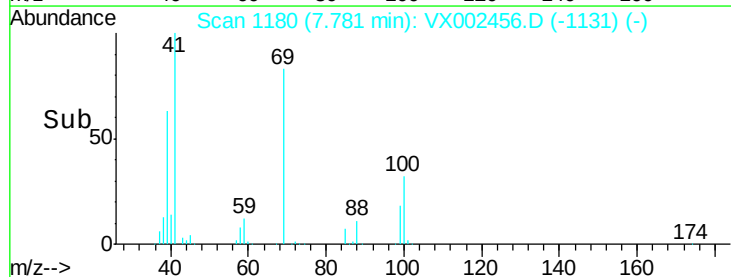
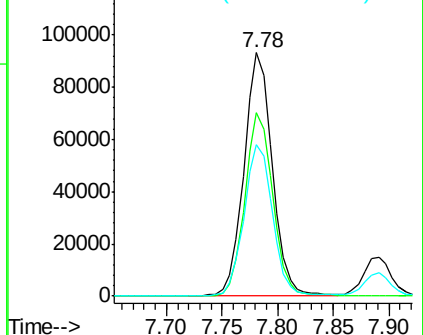
39 62.7 48.9 73.3

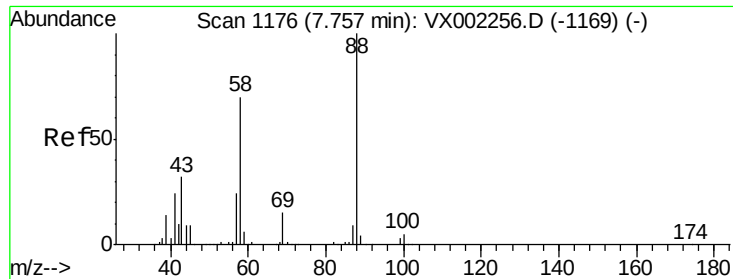


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 972.76 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

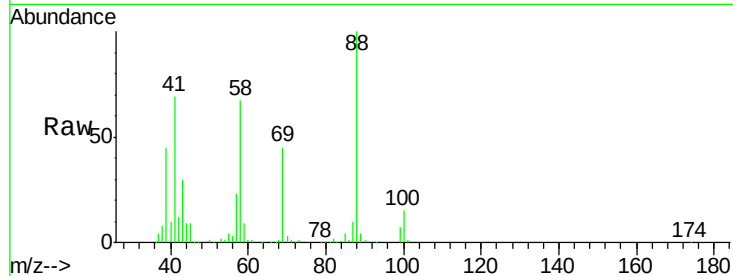
Tgt Ion: 88 Resp: 59564

Ion Ratio Lower Upper

88 100

43 35.6 29.8 44.6

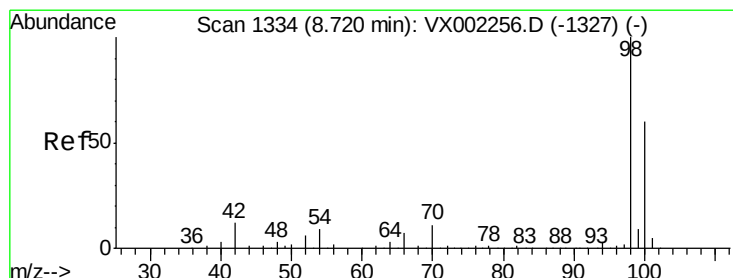
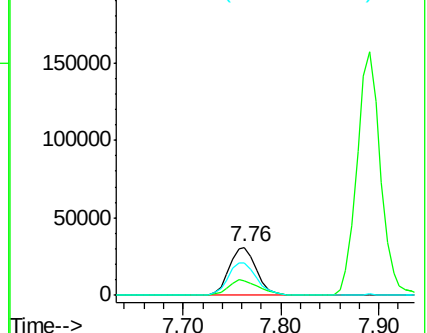
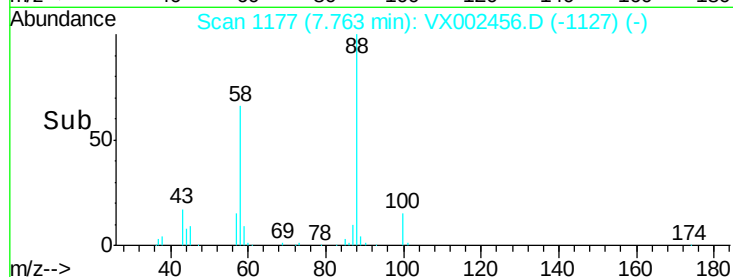
58 71.9 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002456.D

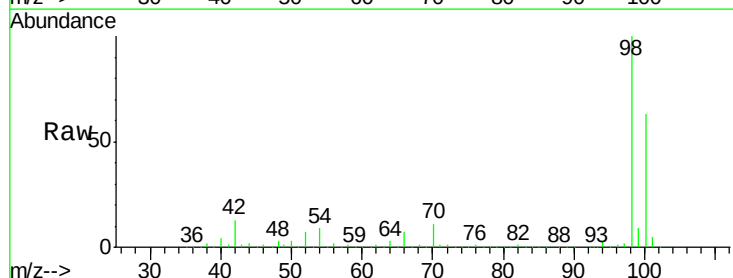
Acq: 11 Jun 2018 21:08

Tgt Ion: 98 Resp: 404711

Ion Ratio Lower Upper

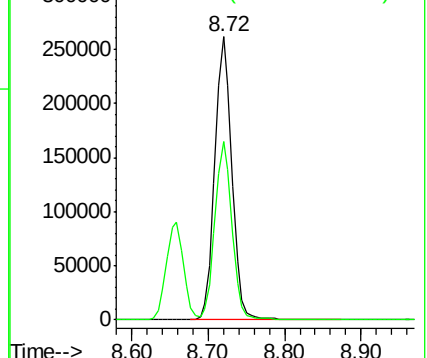
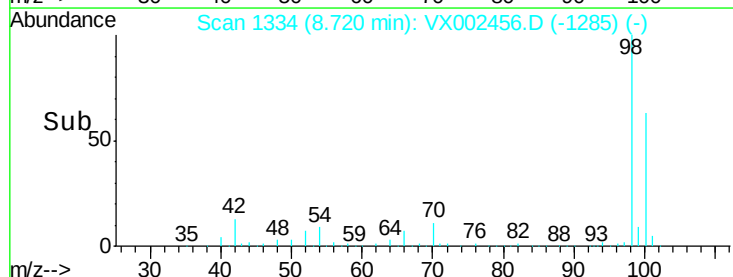
98 100

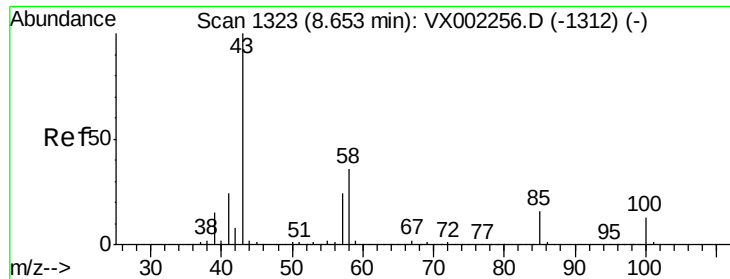
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 257.22 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

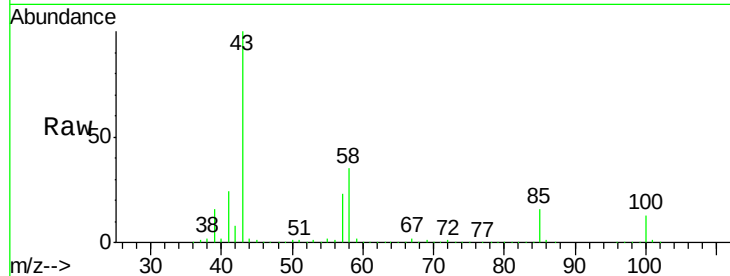
VSTDCCC050EC

Tgt Ion: 43 Resp: 1044315

Ion Ratio Lower Upper

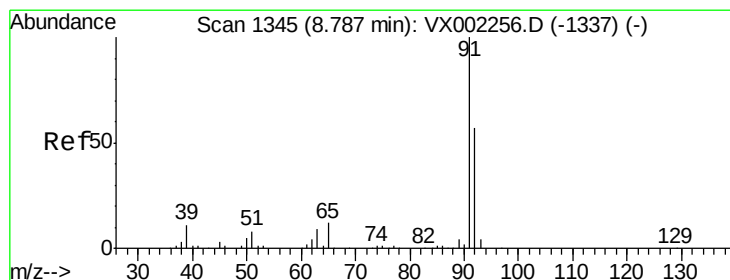
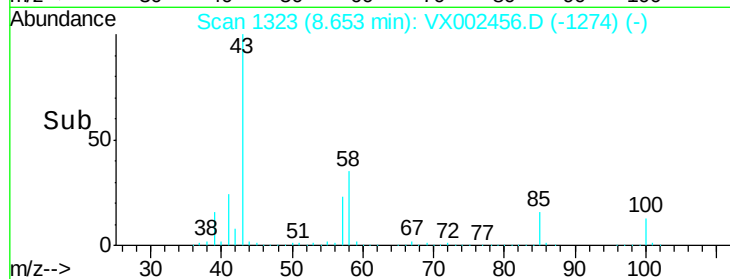
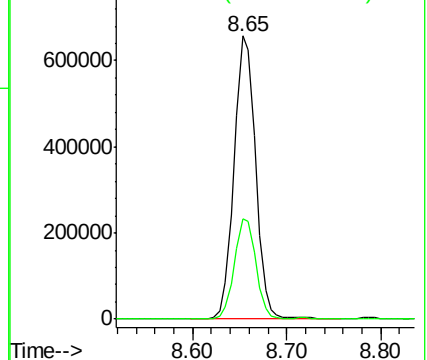
43 100

58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002456.D

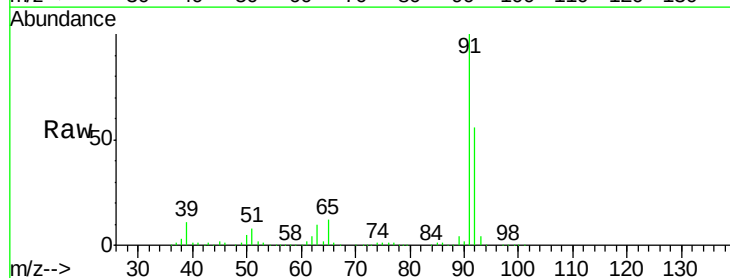
Acq: 11 Jun 2018 21:08

Tgt Ion: 92 Resp: 311388

Ion Ratio Lower Upper

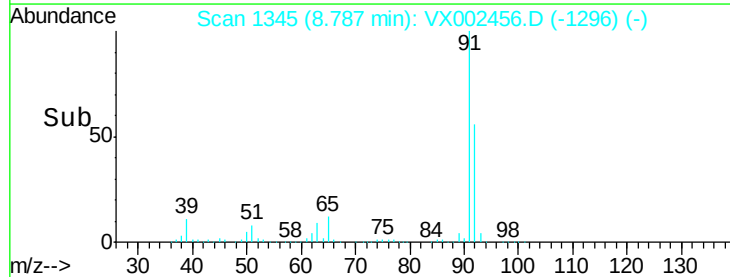
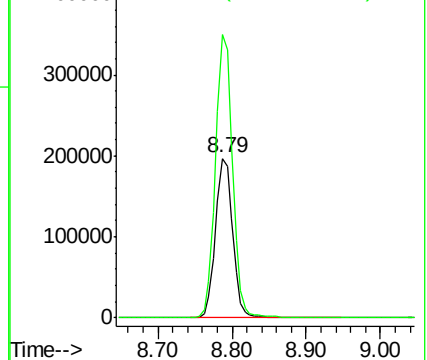
92 100

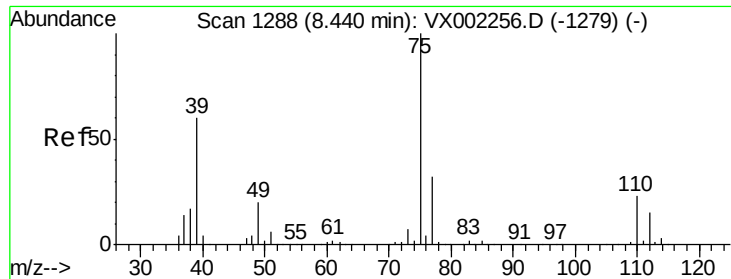
91 176.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.26 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

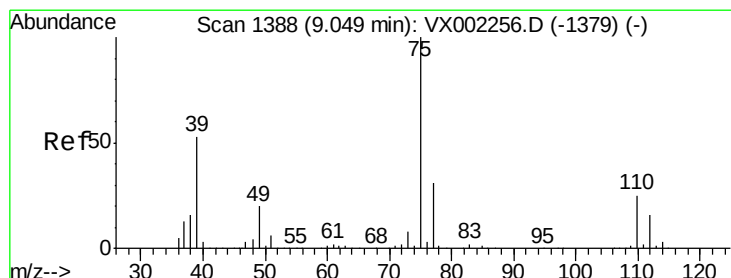
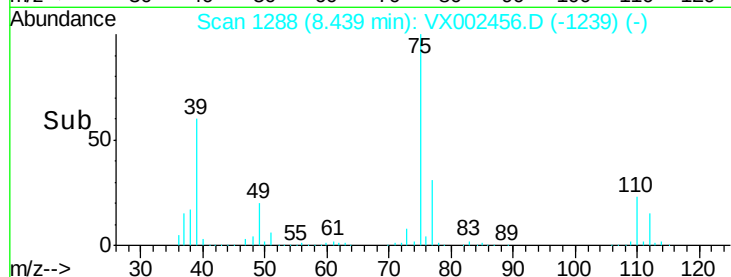
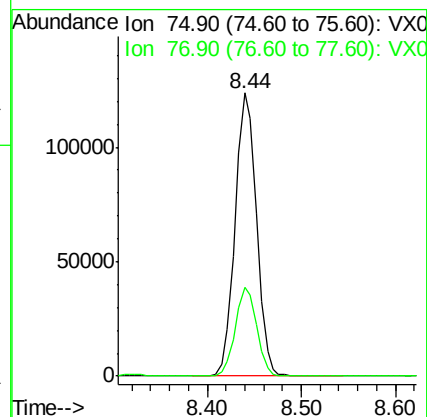
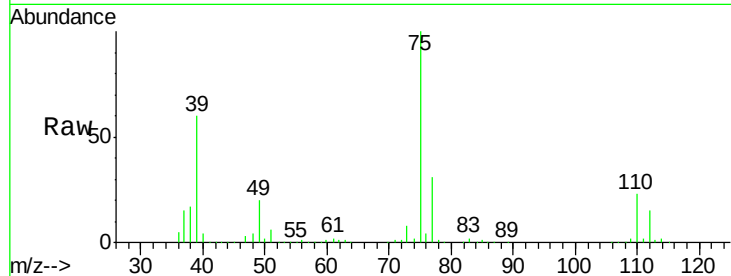
VSTDCCC050EC

Tgt Ion: 75 Resp: 195231

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.28 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

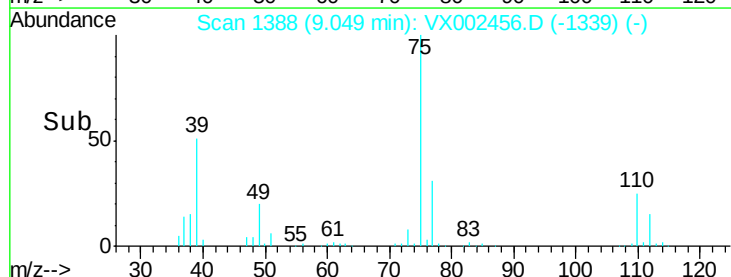
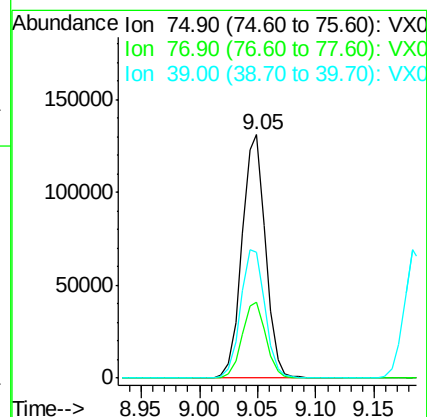
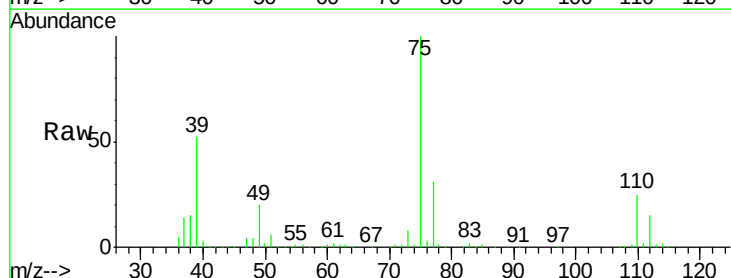
Tgt Ion: 75 Resp: 184271

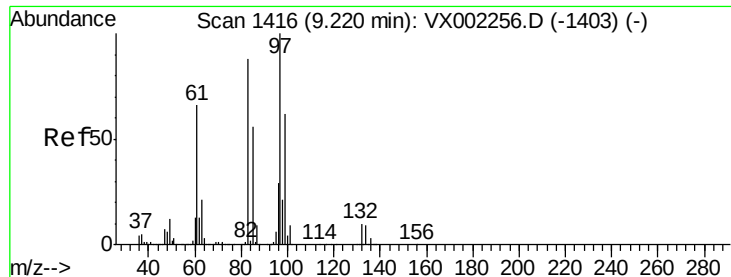
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 51.4 42.4 63.6

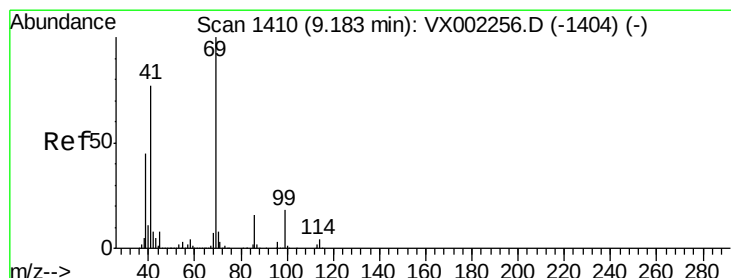
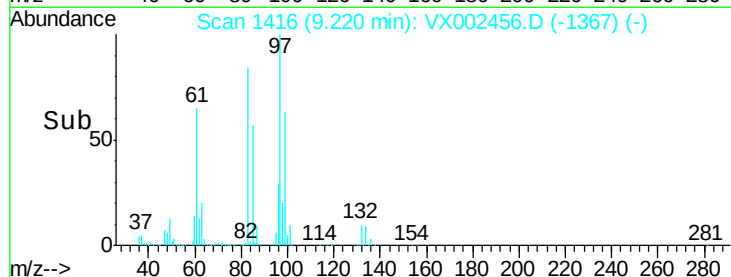
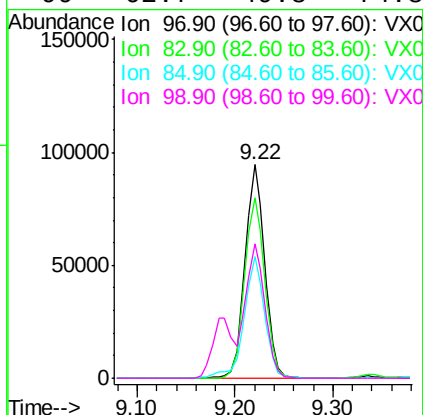
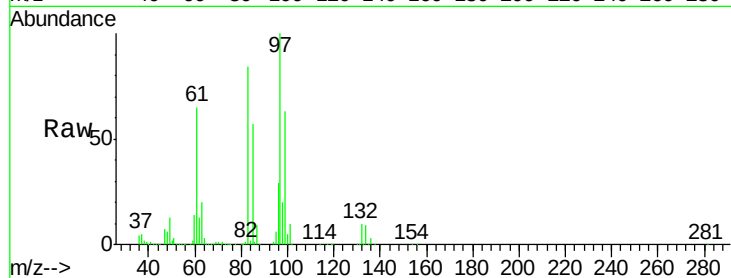




#55
 1,1,2-Trichloroethane
 Concen: 51.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

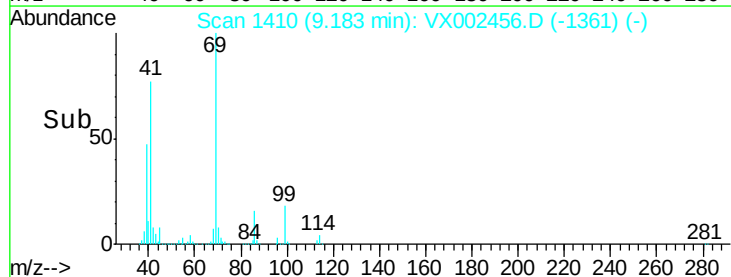
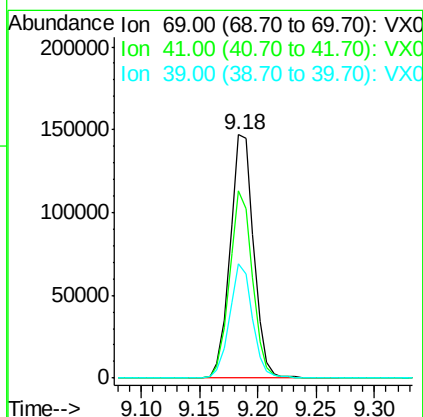
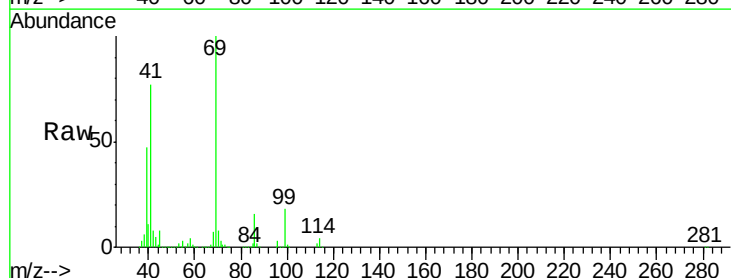
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

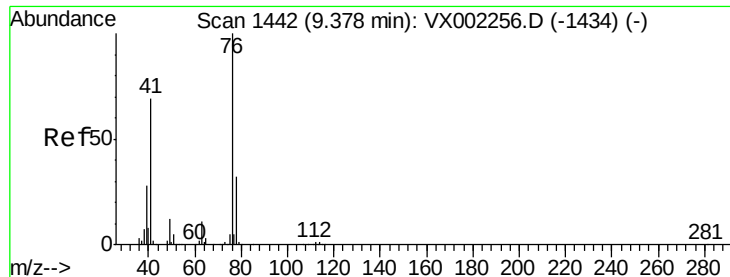
Tgt Ion:	97	Resp:	133001
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	57.0	44.9	67.3
99	62.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.80 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion:	69	Resp:	207640
Ion	Ratio	Lower	Upper
69	100		
41	74.2	60.3	90.5
39	45.1	35.8	53.8

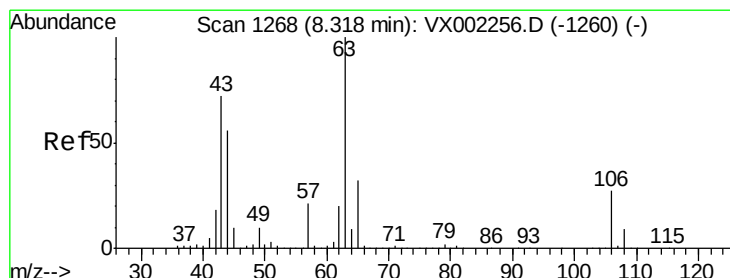
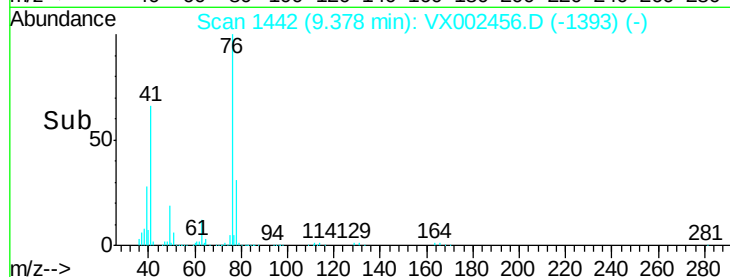
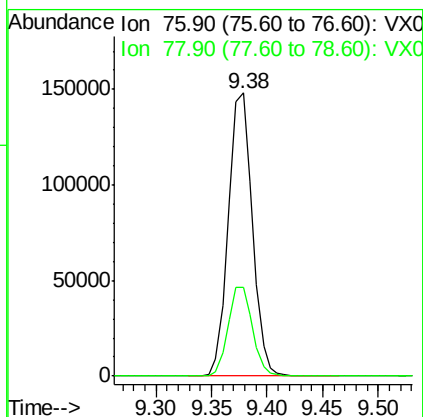
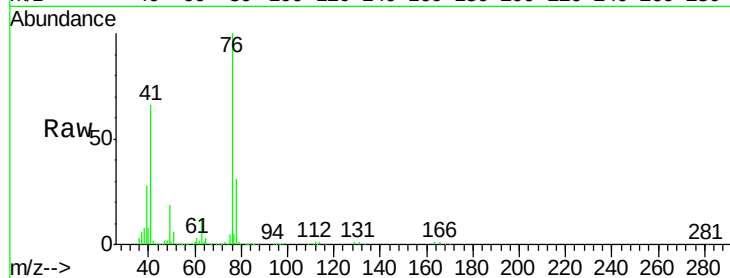




#57
 1,3-Dichloropropane
 Concen: 51.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

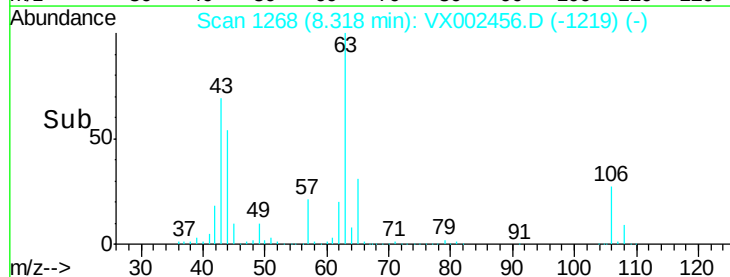
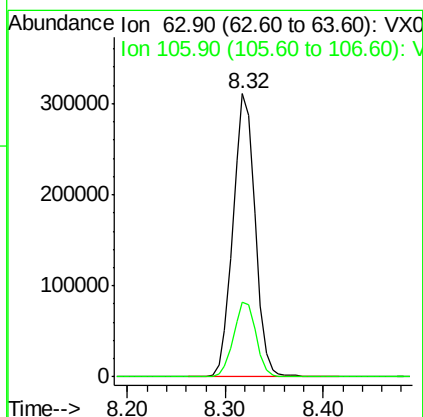
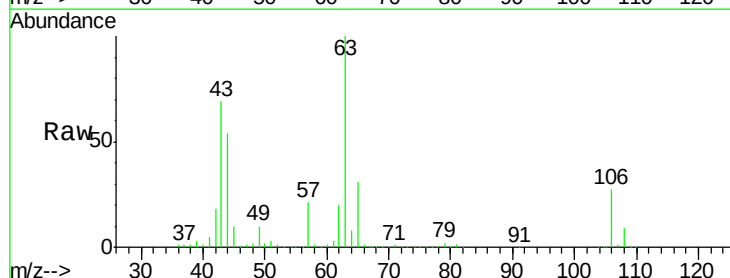
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

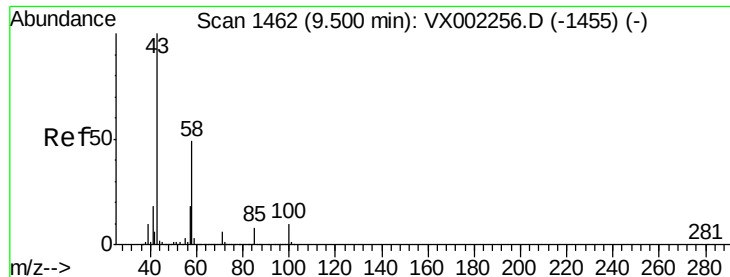
Tgt Ion: 76 Resp: 221688
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.59 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion: 63 Resp: 487271
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8

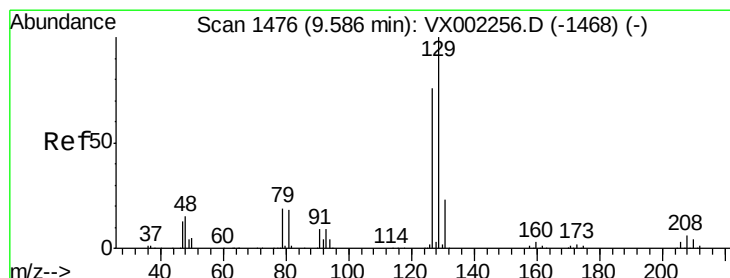
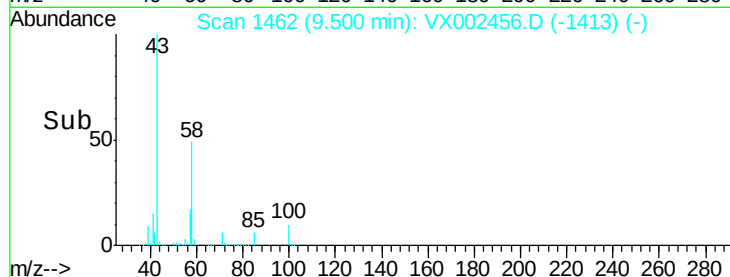
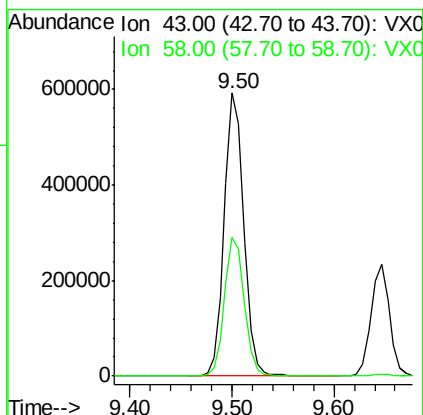
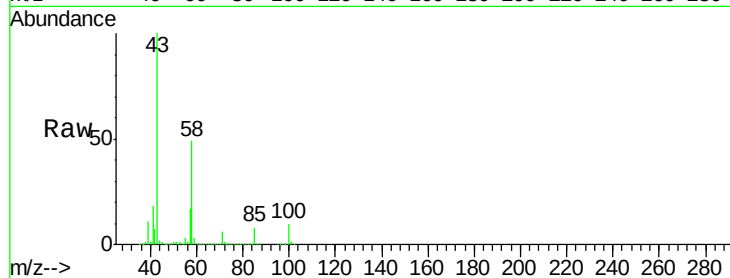




#59
2-Hexanone
Concen: 252.12 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

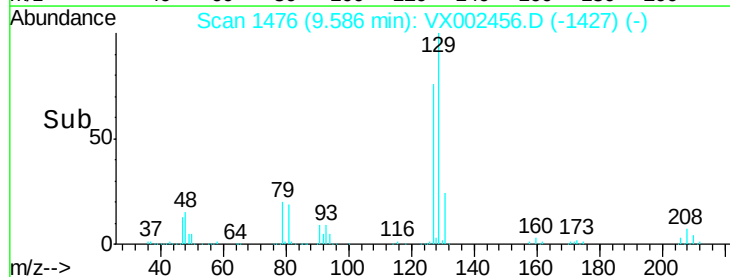
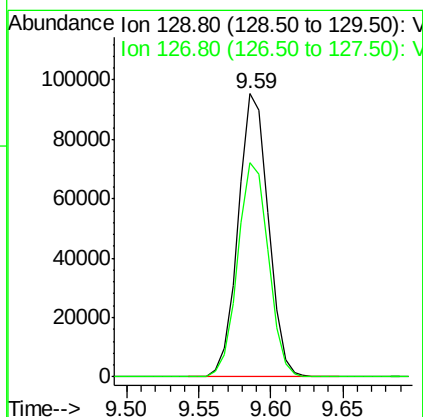
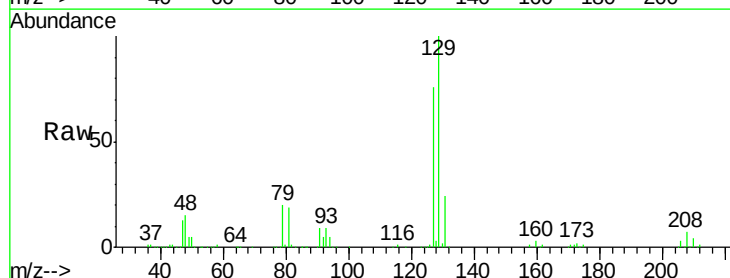
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

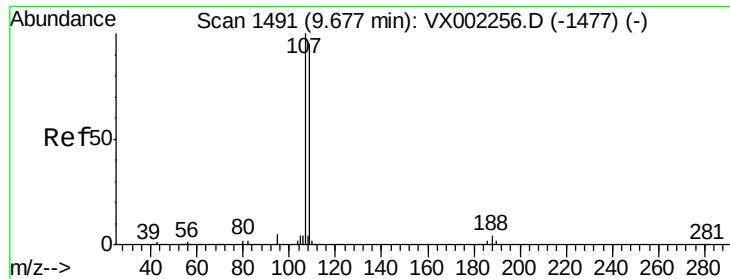
Tgt Ion: 43 Resp: 790662
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 53.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 129 Resp: 138973
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

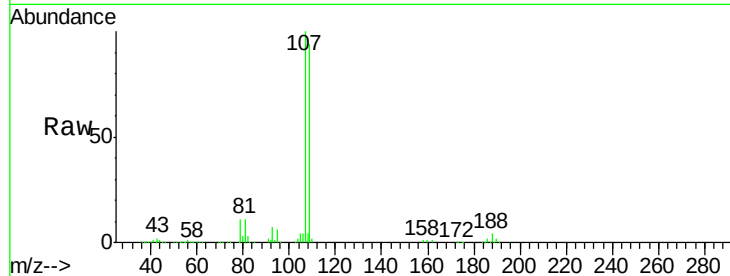
VSTDCCC050EC

Tgt Ion: 107 Resp: 140475

Ion Ratio Lower Upper

107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

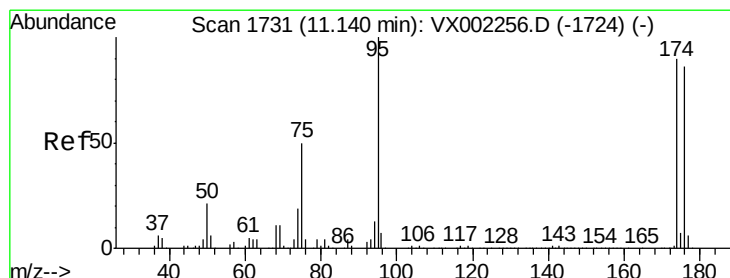
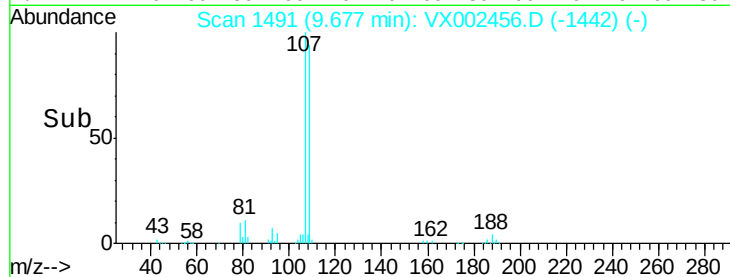
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

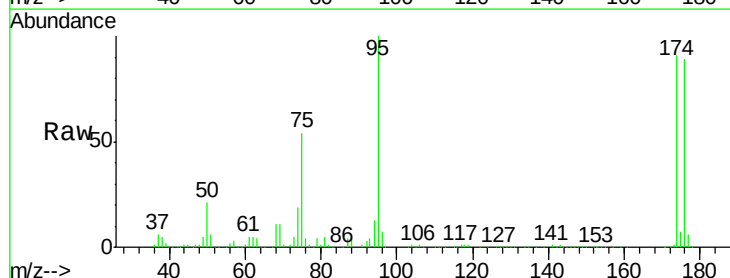
Tgt Ion: 95 Resp: 160638

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

176 93.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

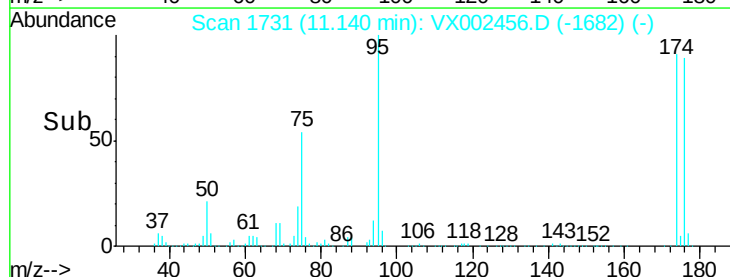
100000

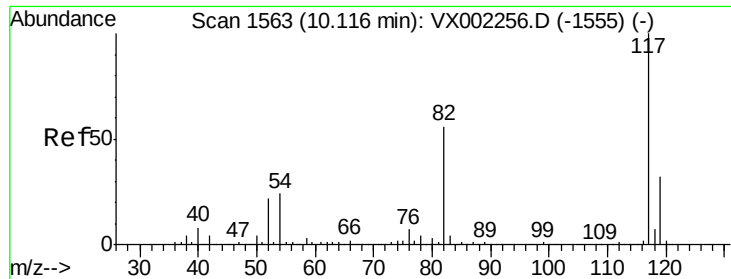
50000

0

11.10 11.20

Time-->

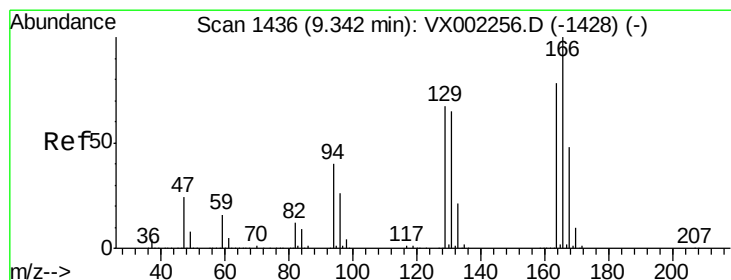
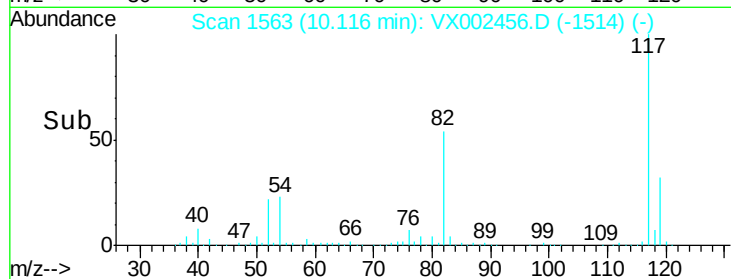
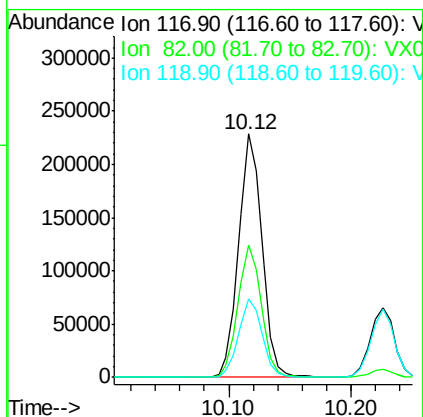
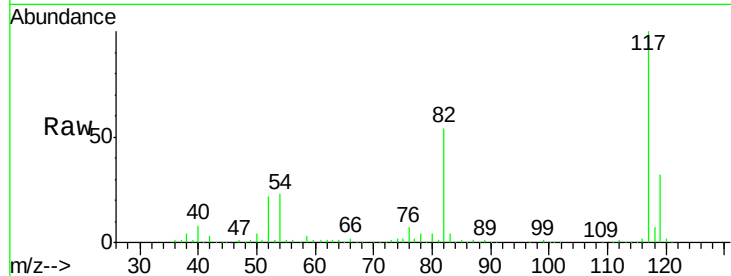




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

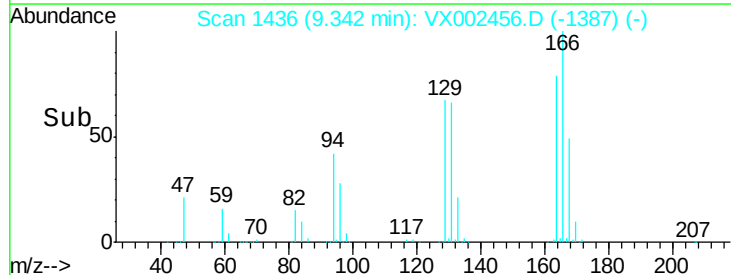
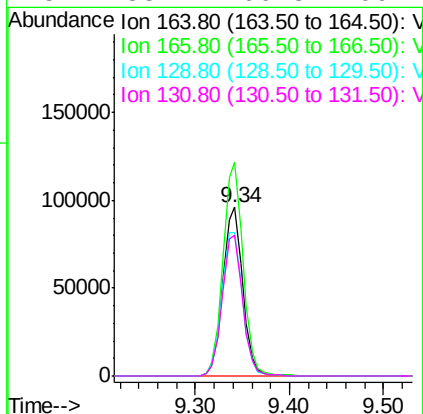
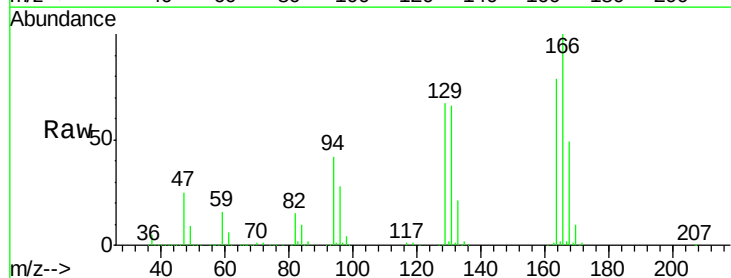
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

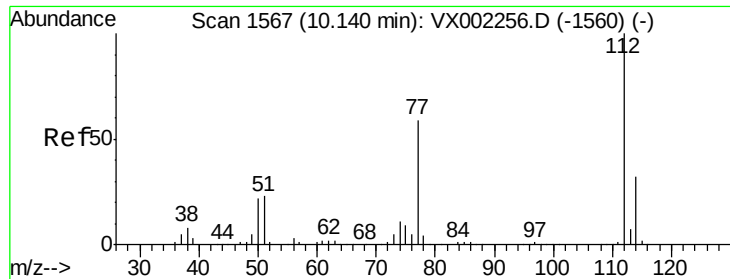
Tgt Ion:117 Resp: 302586
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 44.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion:164 Resp: 140333
Ion Ratio Lower Upper
164 100
166 126.8 102.9 154.3
129 84.9 68.6 102.8
131 83.7 66.8 100.2

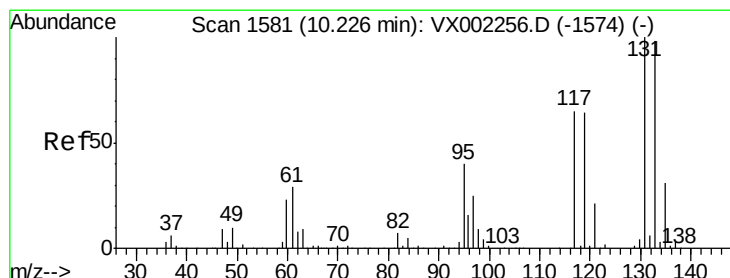
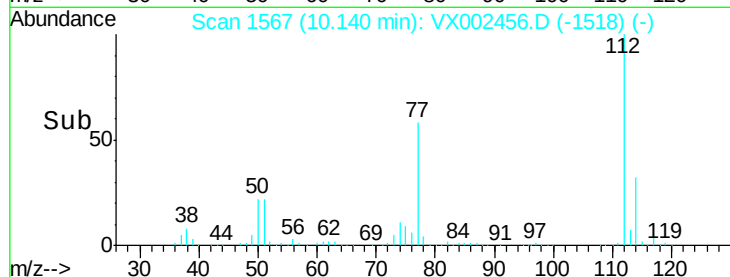
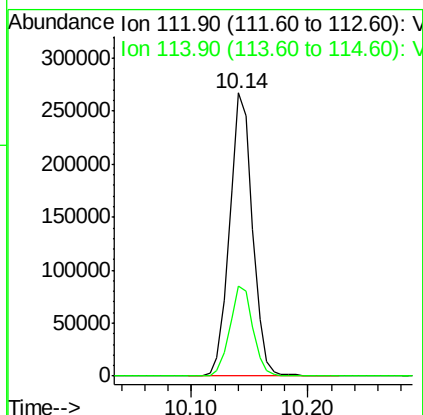
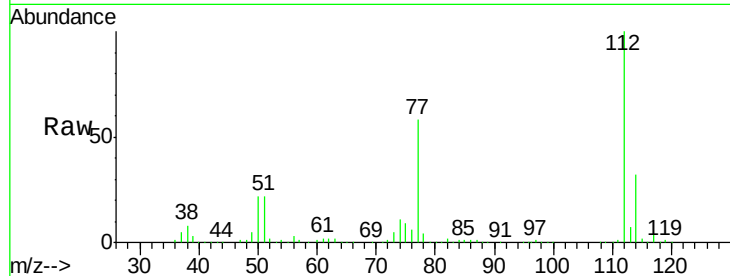




#65
Chlorobenzene
Concen: 48.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

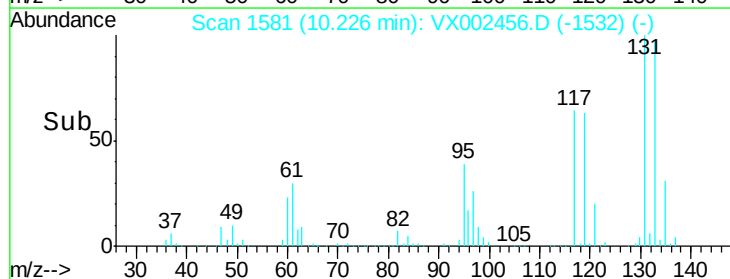
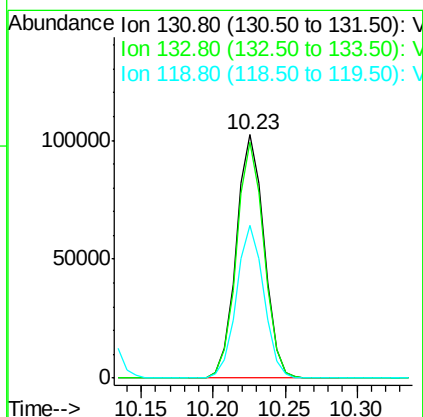
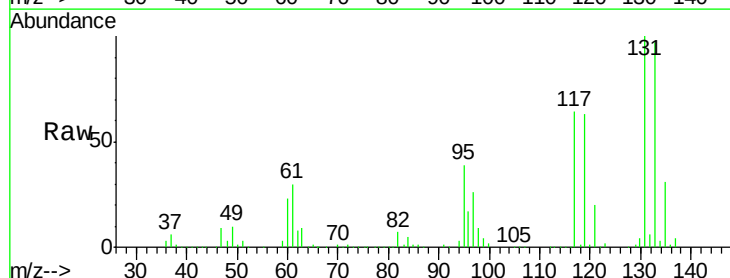
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

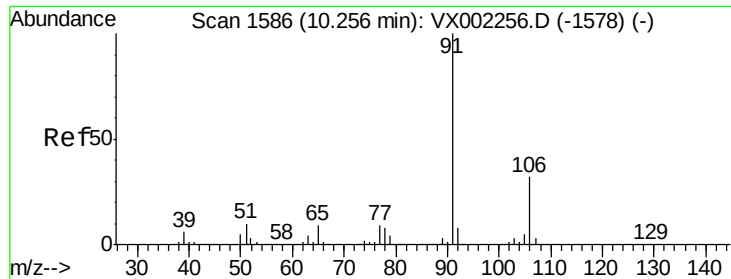
Tgt Ion:112 Resp: 365780
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.47 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion:131 Resp: 137605
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 61.8 31.8 95.3

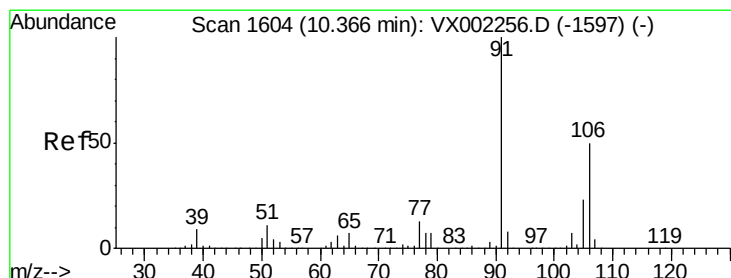
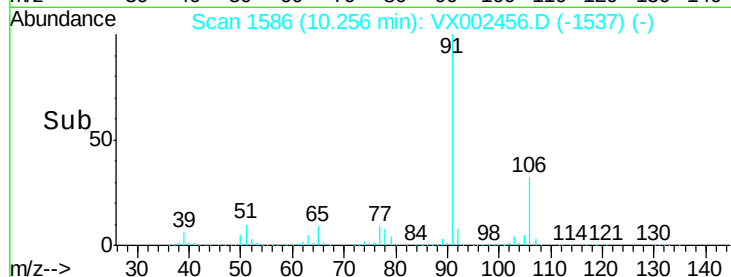
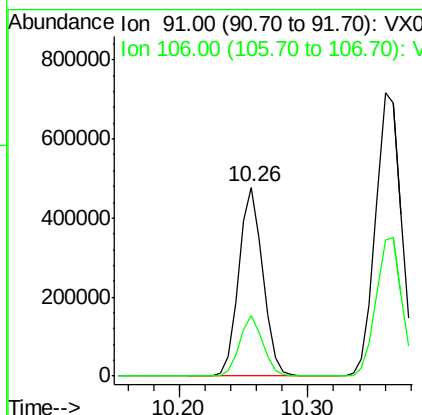
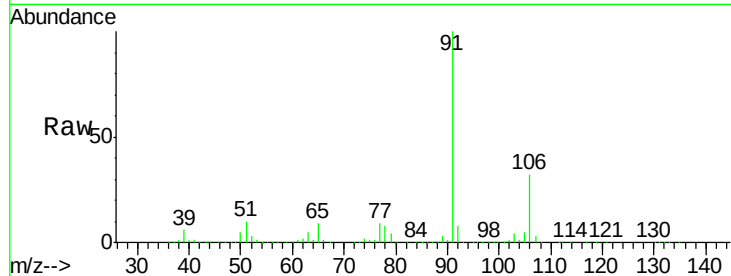




#67
Ethyl Benzene
Concen: 49.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

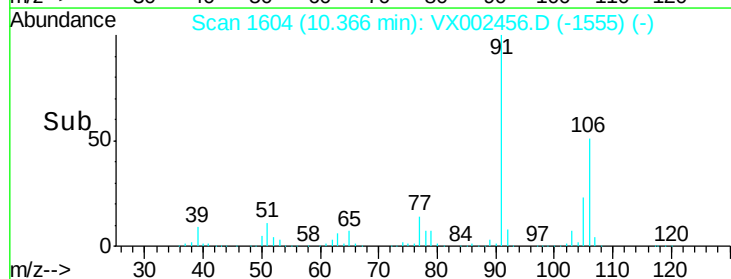
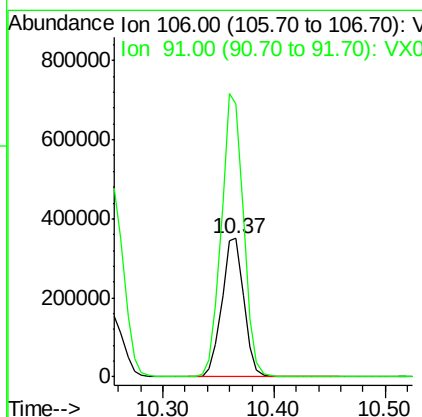
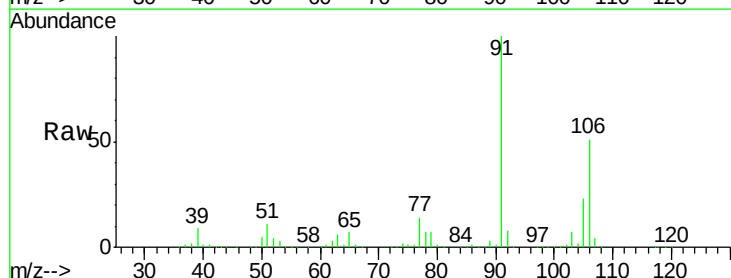
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

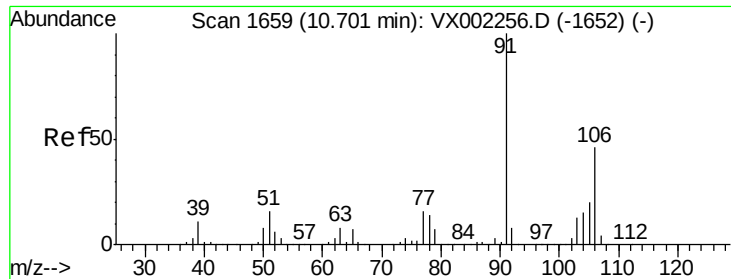
Tgt Ion: 91 Resp: 618528
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 98.06 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 106 Resp: 480311
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2

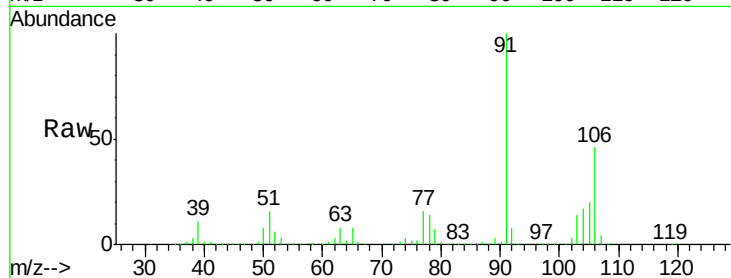




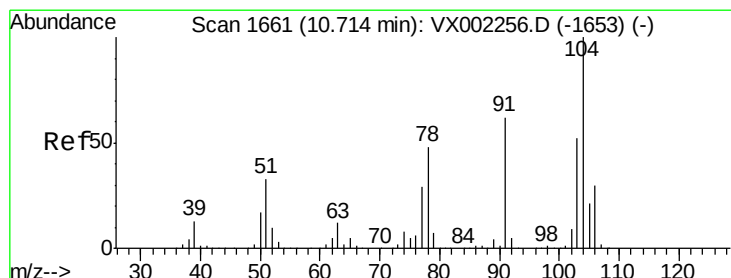
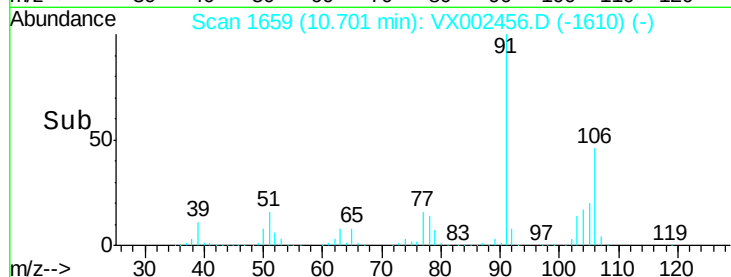
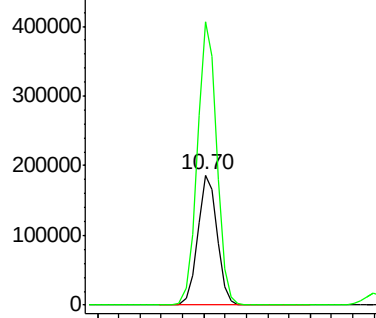
#69
o-Xylene
Concen: 49.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 238836
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6

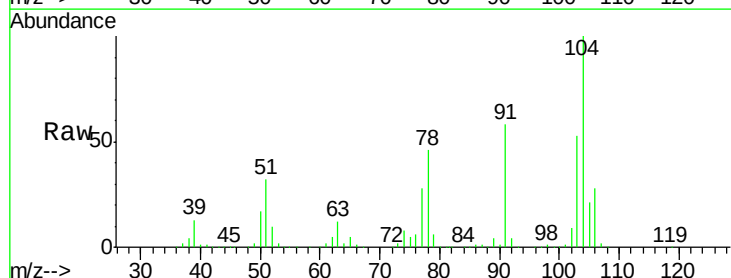


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

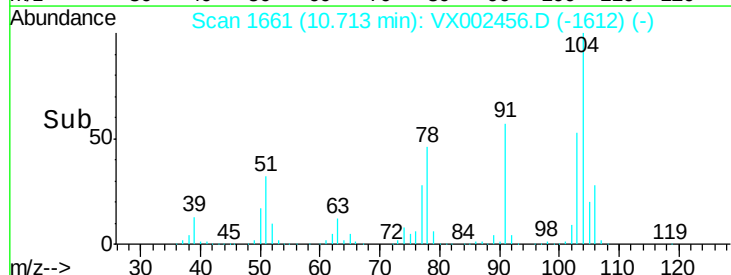
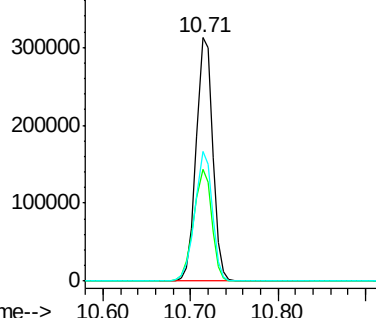


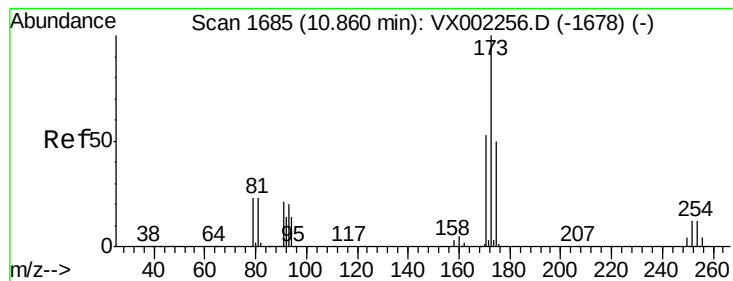
#70
Styrene
Concen: 51.25 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion:104 Resp: 408407
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 56.3 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.12 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

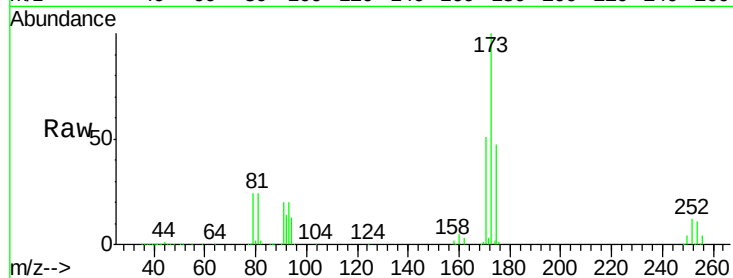
Tgt Ion:173 Resp: 109284

Ion Ratio Lower Upper

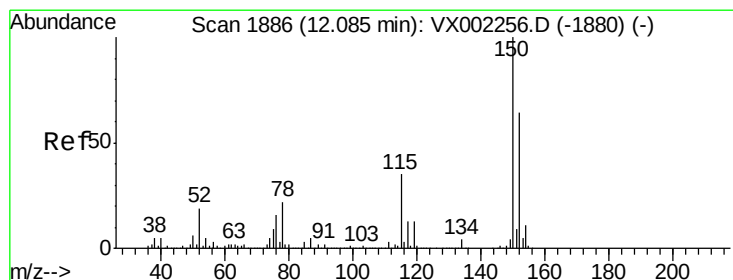
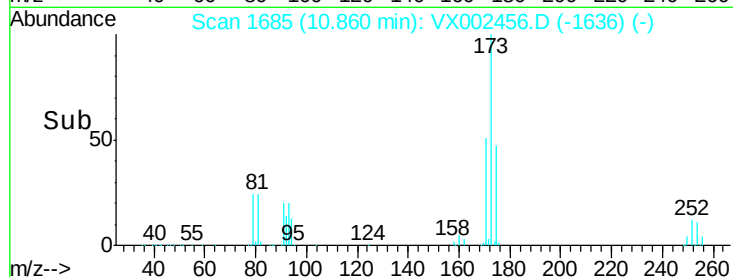
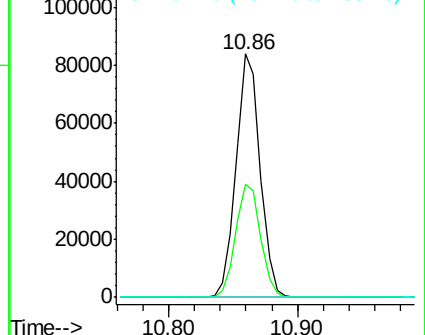
173 100

175 48.2 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

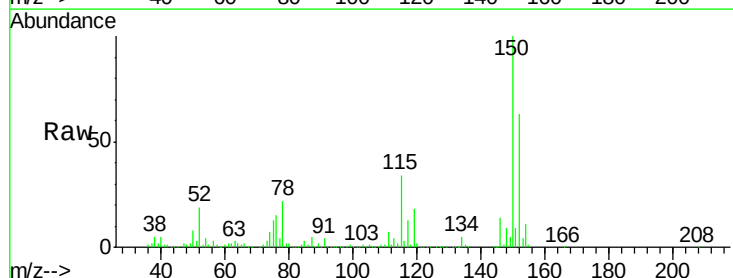
Tgt Ion:152 Resp: 197311

Ion Ratio Lower Upper

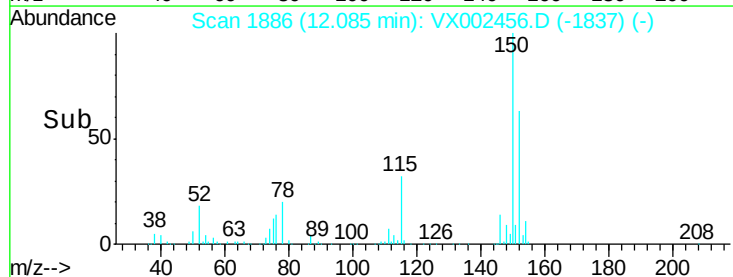
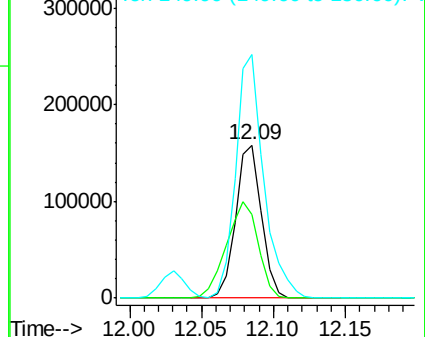
152 100

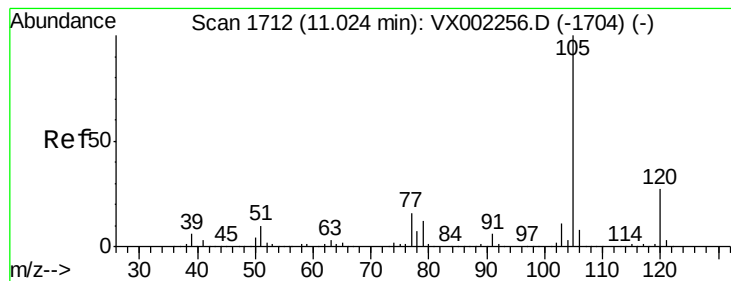
115 78.7 40.1 120.2

150 174.0 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

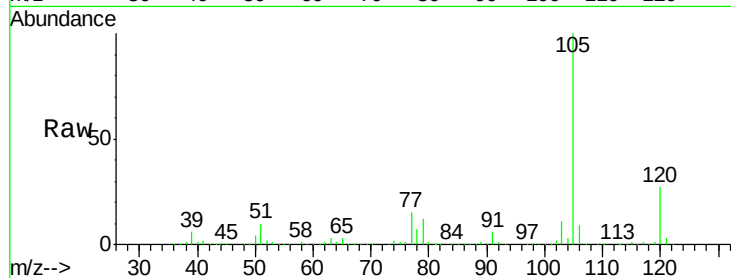
VSTDCCC050EC

Tgt Ion: 105 Resp: 636645

Ion Ratio Lower Upper

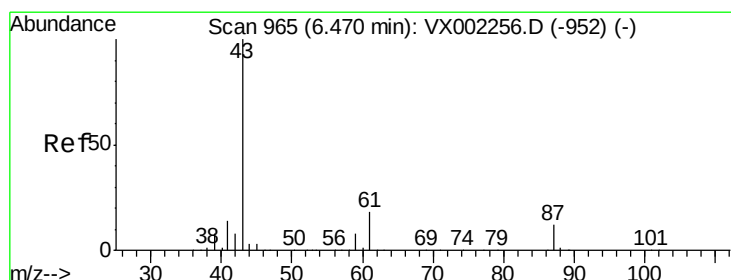
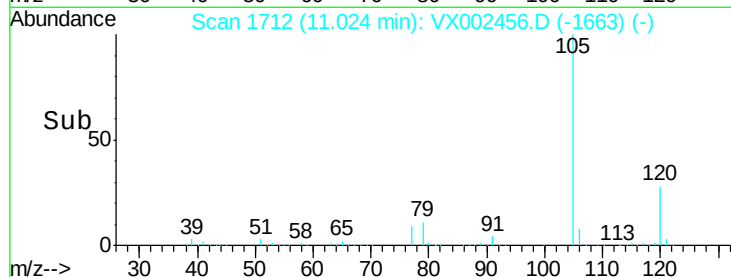
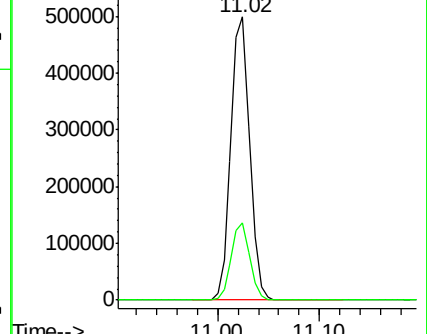
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.31 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Tgt Ion: 43 Resp: 320295

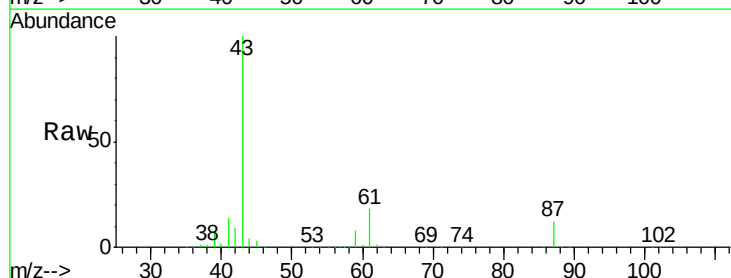
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.7 14.4 21.6

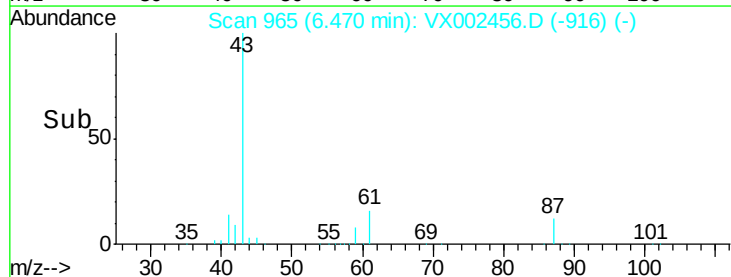
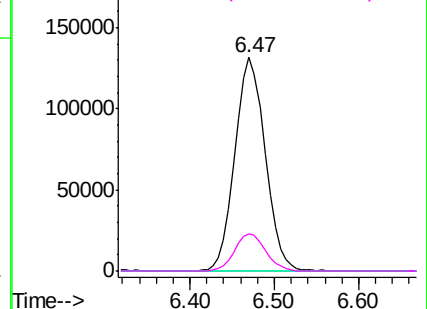


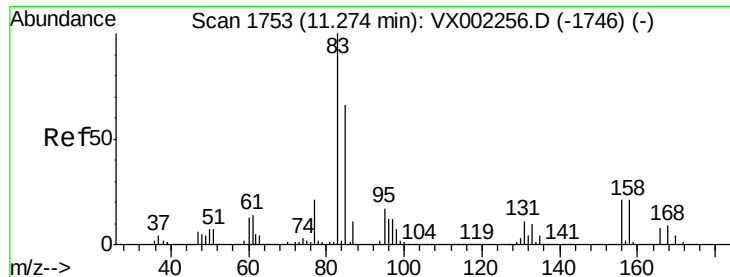
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

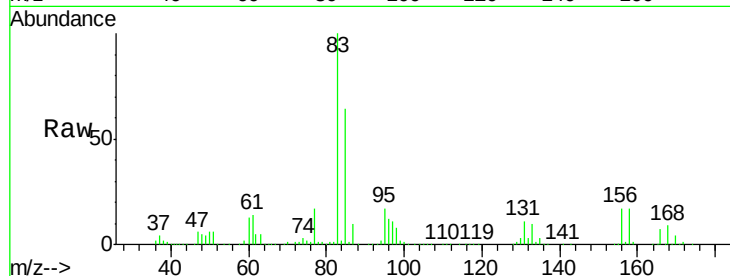
Tgt Ion: 83 Resp: 206774

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

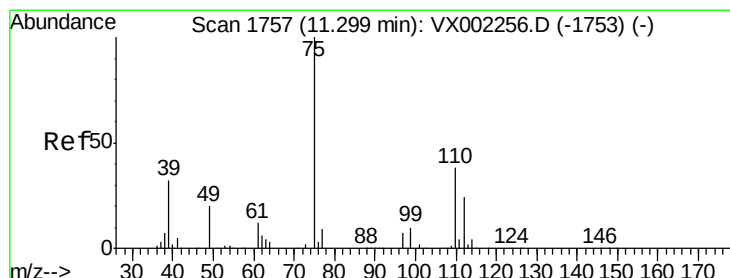
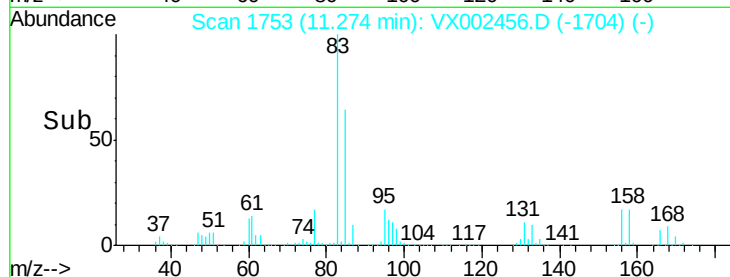
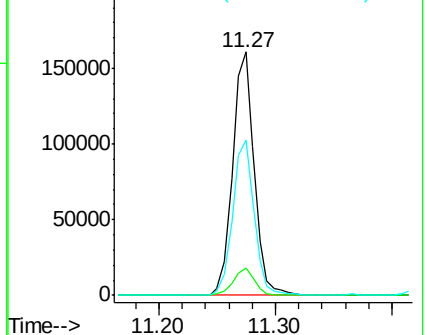
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.07 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002456.D

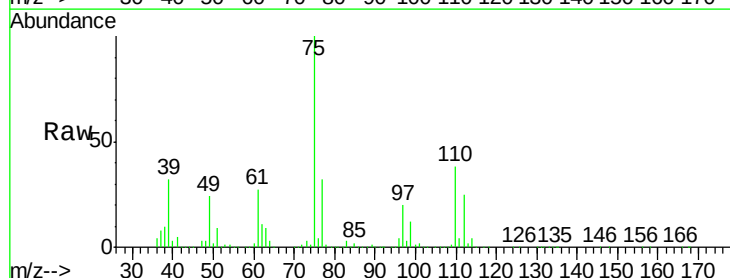
Acq: 11 Jun 2018 21:08

Tgt Ion: 75 Resp: 234099

Ion Ratio Lower Upper

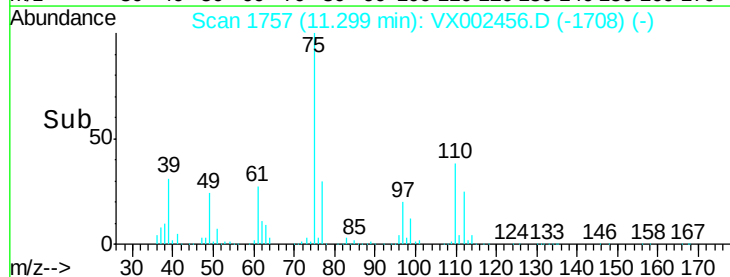
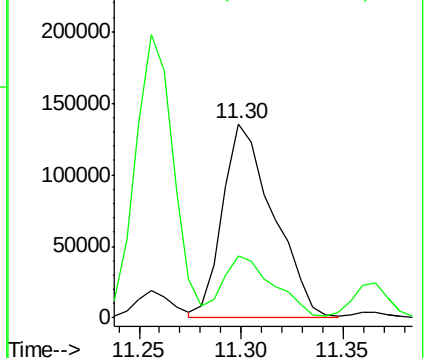
75 100

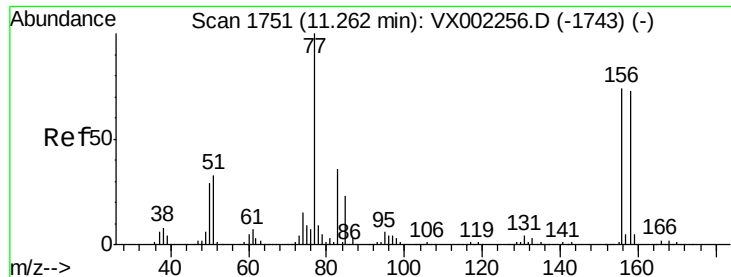
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.52 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

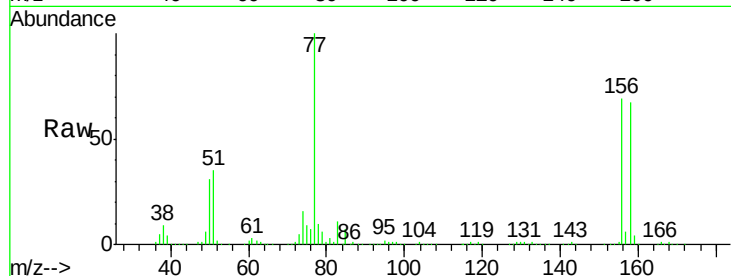
Tgt Ion:156 Resp: 183107

Ion Ratio Lower Upper

156 100

77 139.4 71.4 214.2

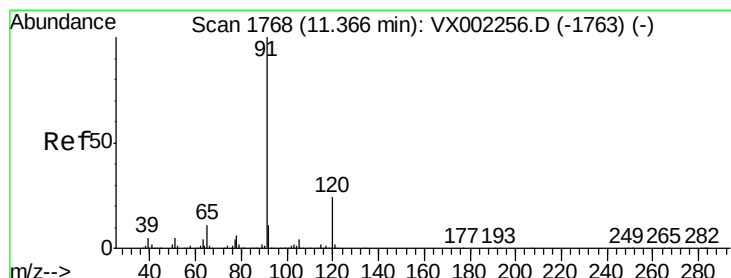
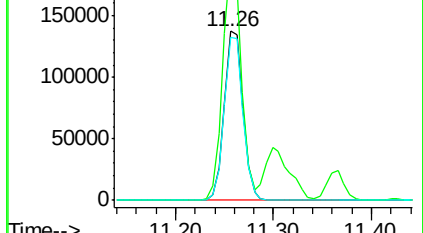
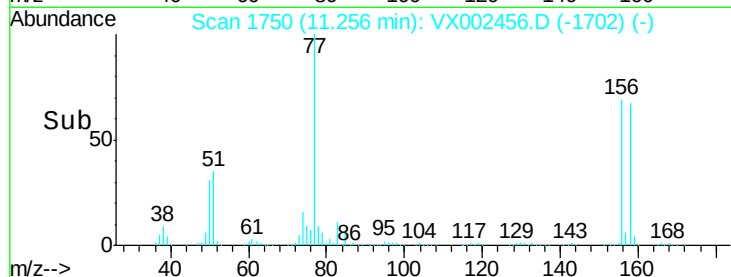
158 96.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.63 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002456.D

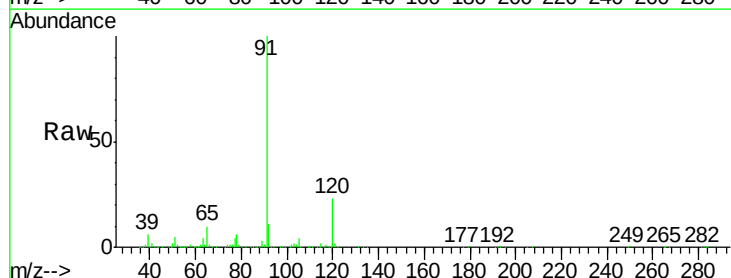
Acq: 11 Jun 2018 21:08

Tgt Ion: 91 Resp: 726670

Ion Ratio Lower Upper

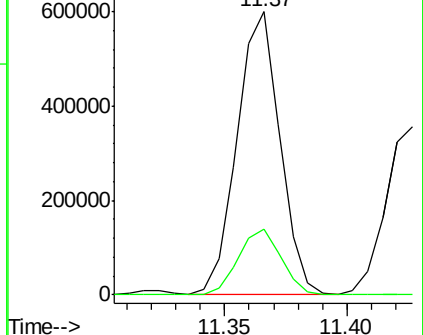
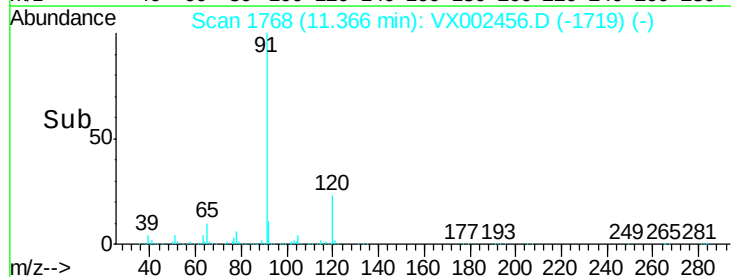
91 100

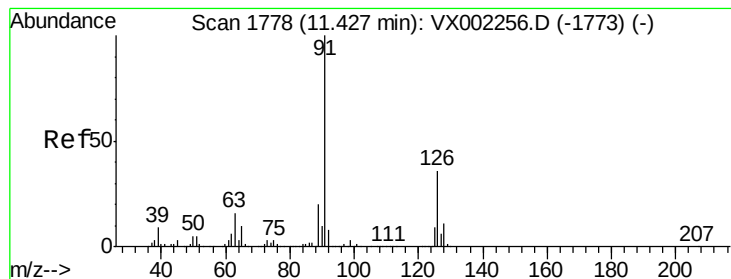
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

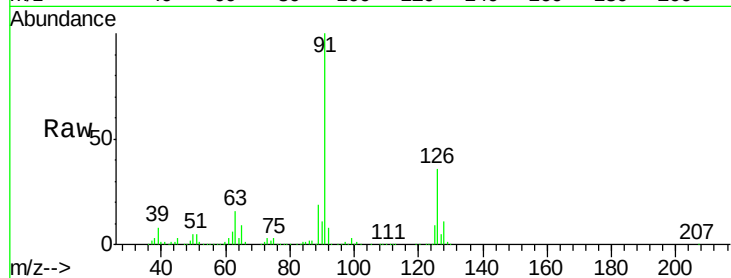
VSTDCCC050EC

Tgt Ion: 91 Resp: 445253

Ion Ratio Lower Upper

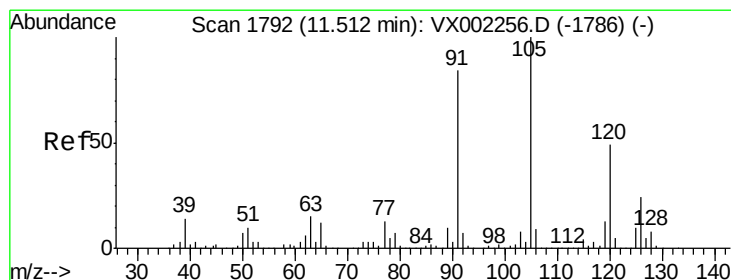
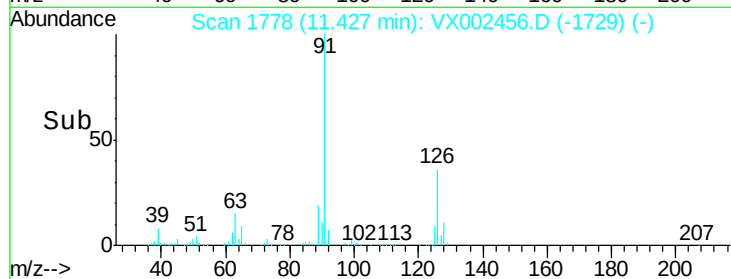
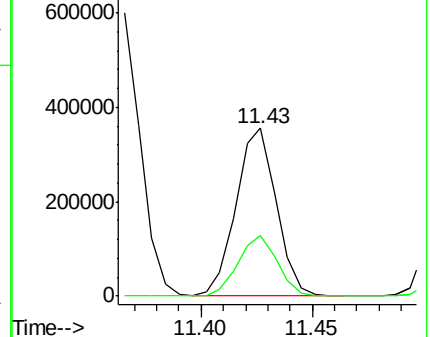
91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002456.D

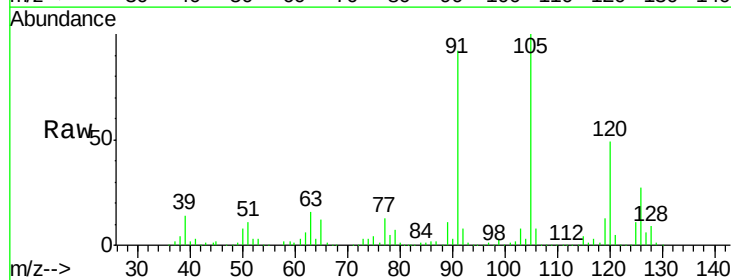
Acq: 11 Jun 2018 21:08

Tgt Ion: 105 Resp: 551309

Ion Ratio Lower Upper

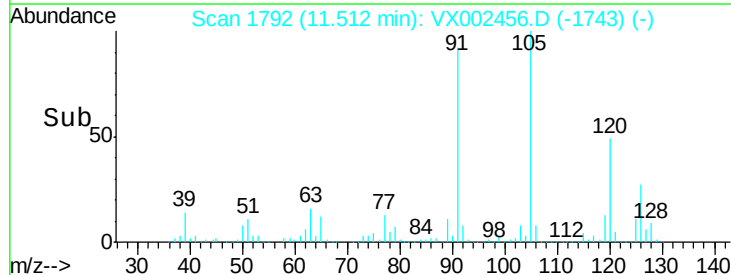
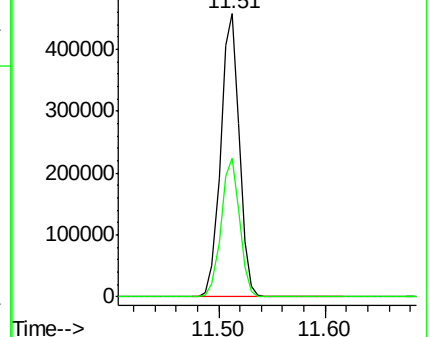
105 100

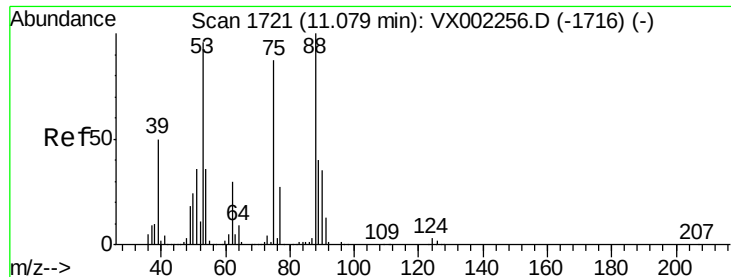
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.86 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

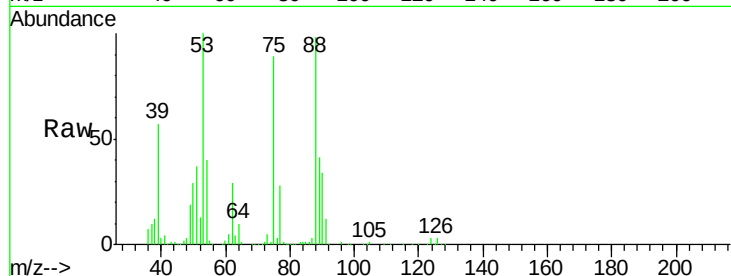
Tgt Ion: 75 Resp: 51703

Ion Ratio Lower Upper

75 100

53 115.8 86.8 130.2

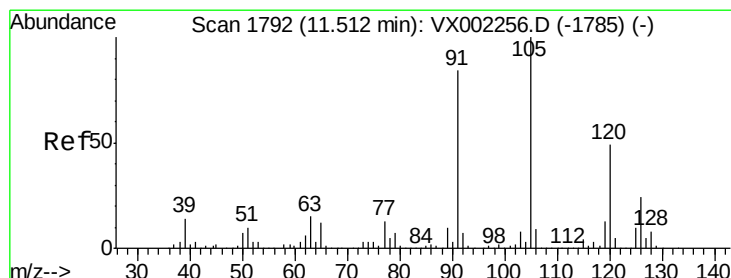
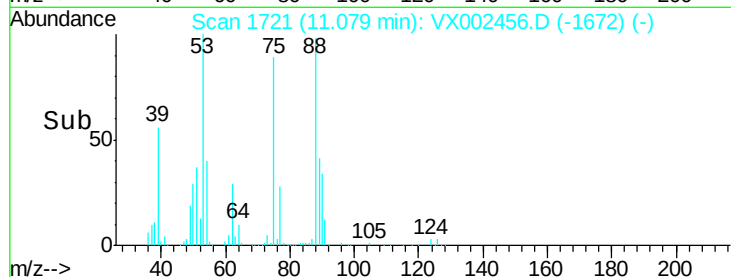
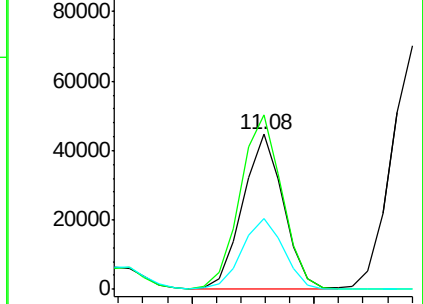
89 47.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002456.D

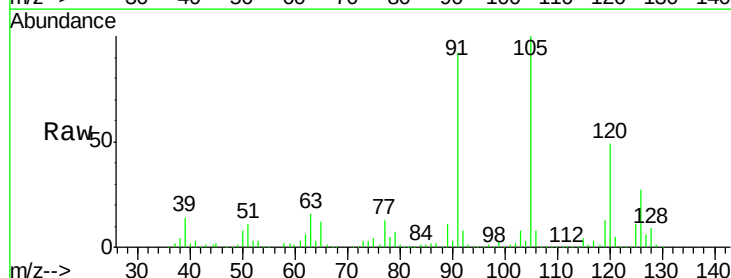
Acq: 11 Jun 2018 21:08

Tgt Ion: 91 Resp: 528823

Ion Ratio Lower Upper

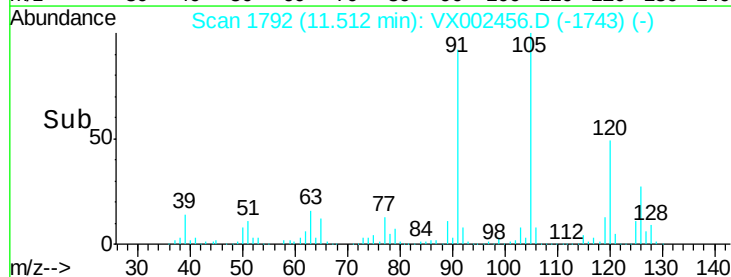
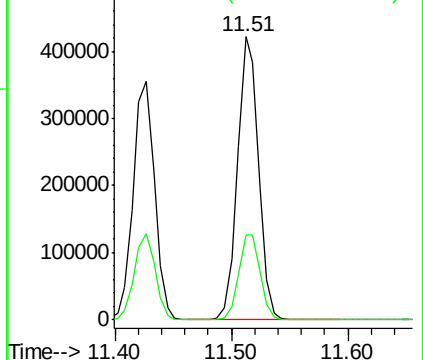
91 100

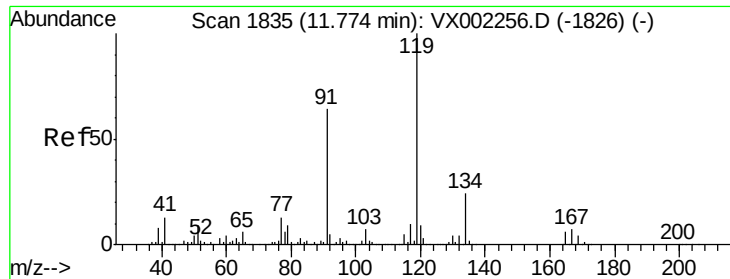
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

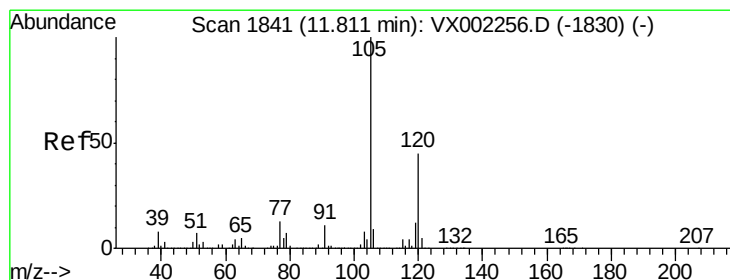
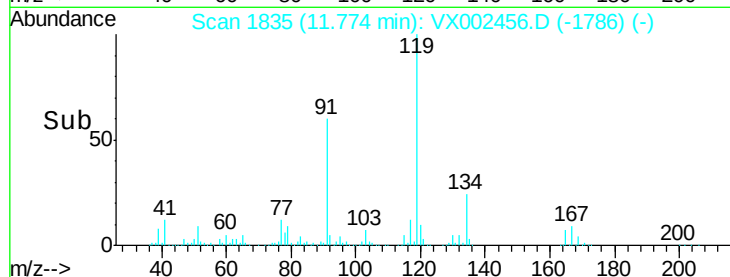
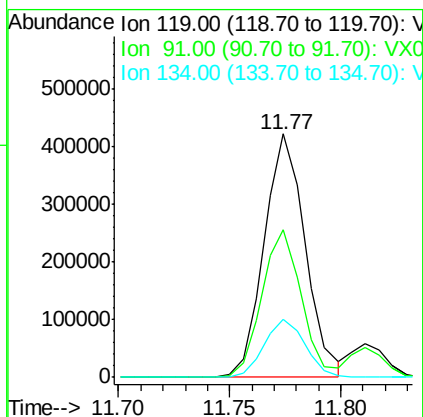
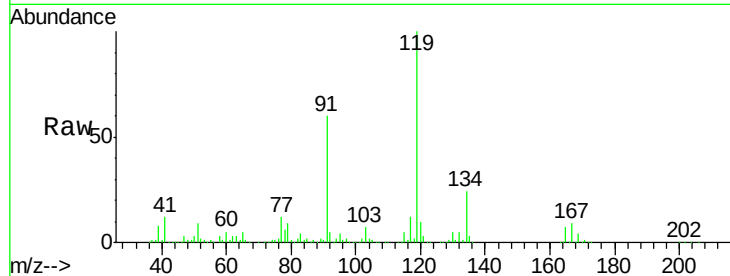




#83
 tert-Butylbenzene
 Concen: 47.15 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

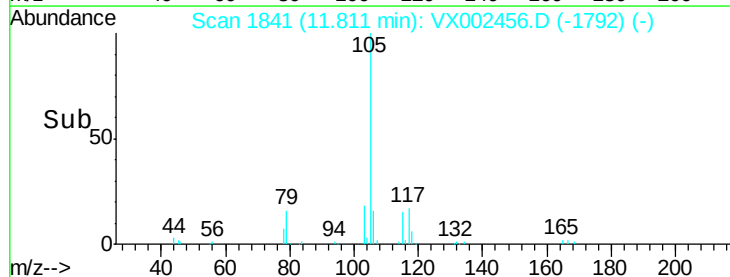
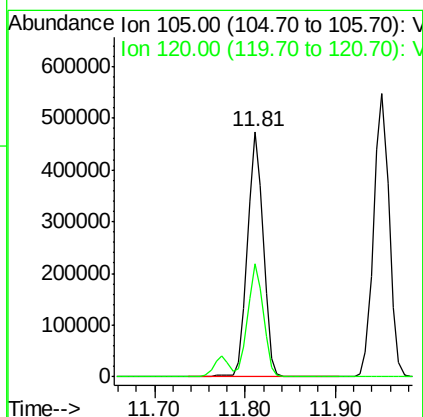
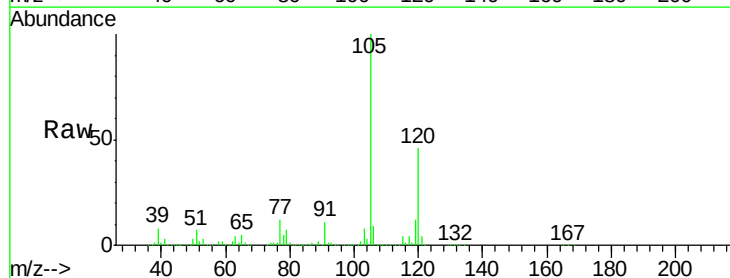
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

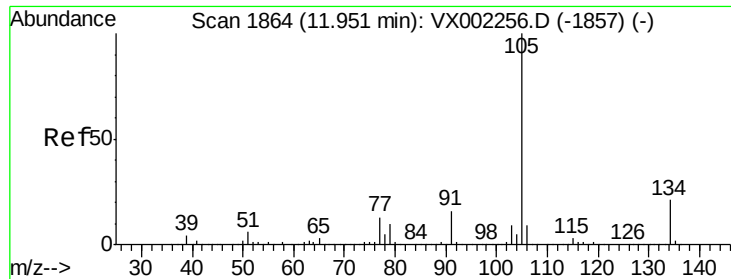
Tgt Ion:119 Resp: 540602
 Ion Ratio Lower Upper
 119 100
 91 58.8 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.26 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion:105 Resp: 572728
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8

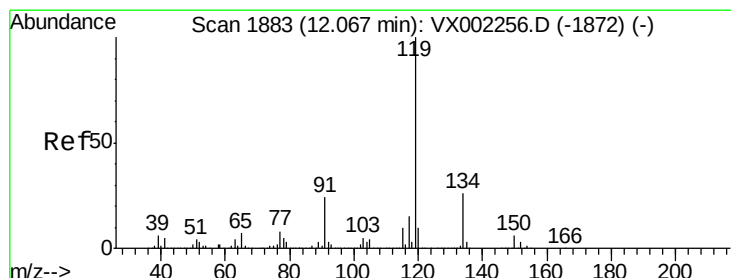
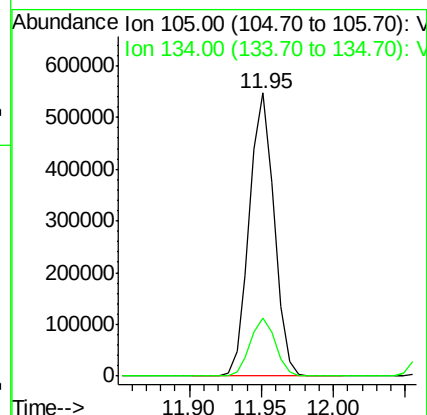
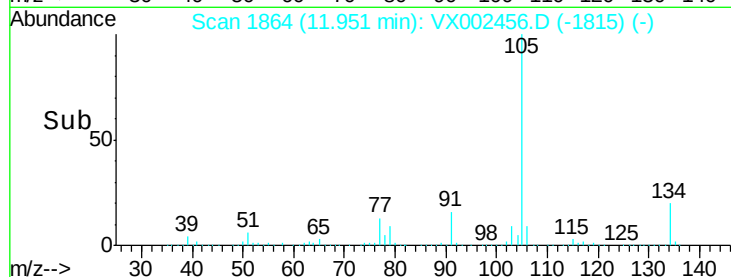
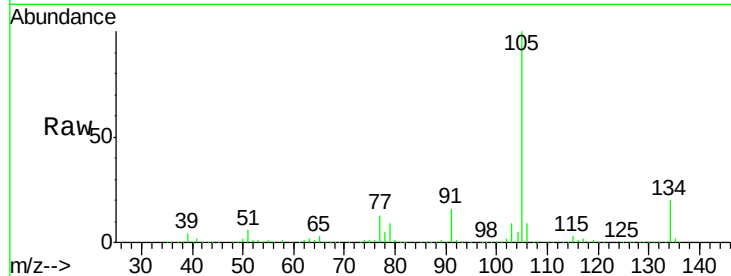




#85
 sec-Butylbenzene
 Concen: 48.45 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

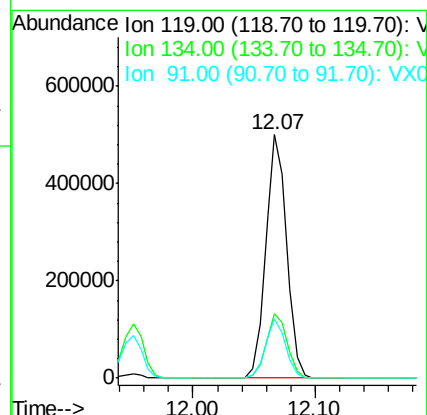
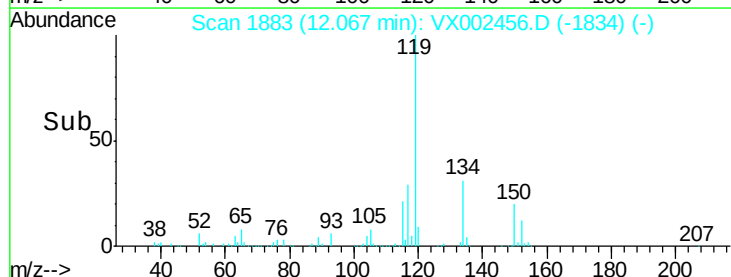
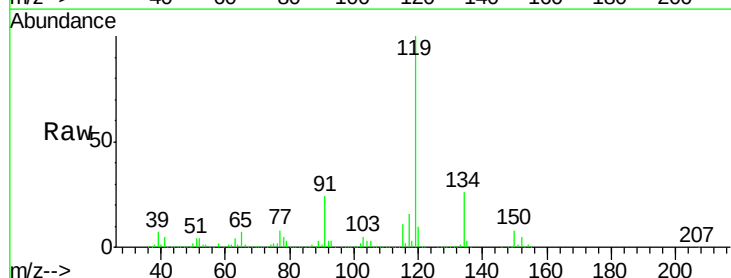
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

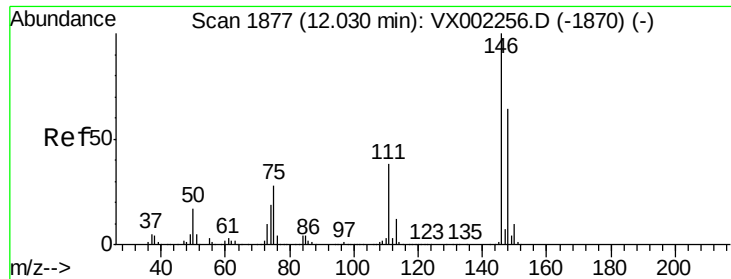
Tgt Ion:105 Resp: 651182
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 48.57 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion:119 Resp: 594606
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.7 11.9 35.7

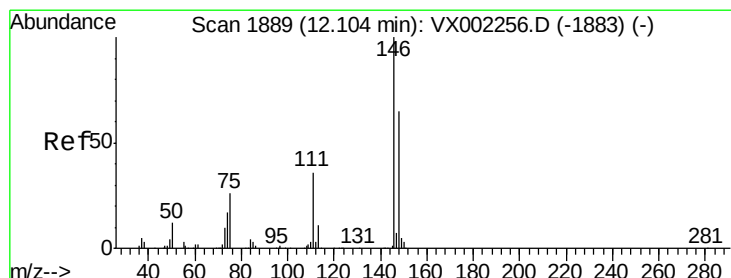
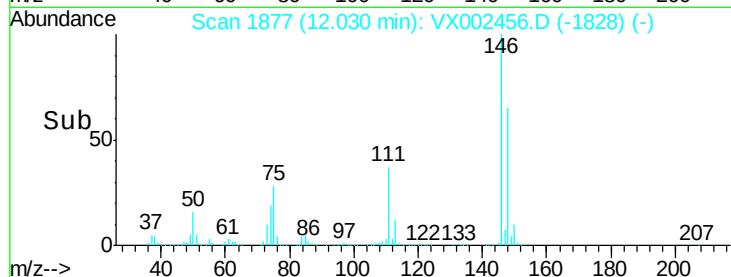
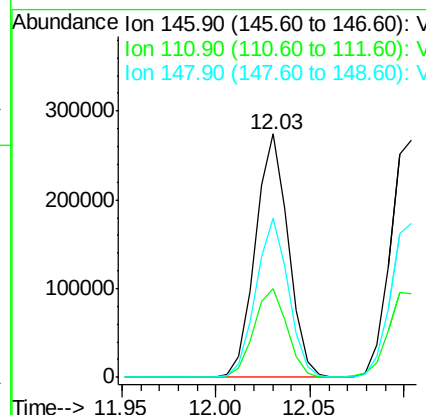
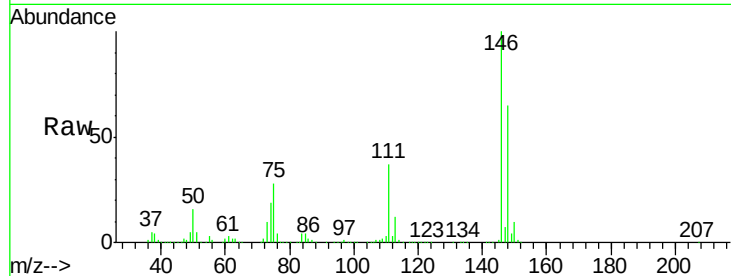




#87
 1,3-Dichlorobenzene
 Concen: 48.00 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

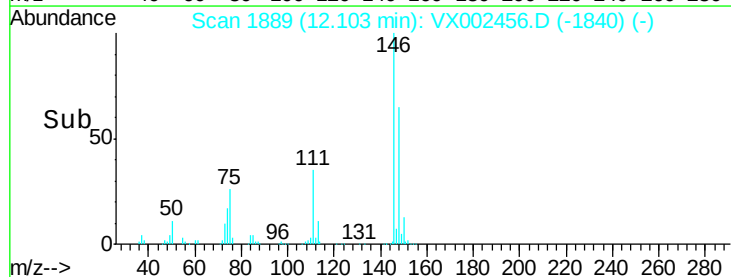
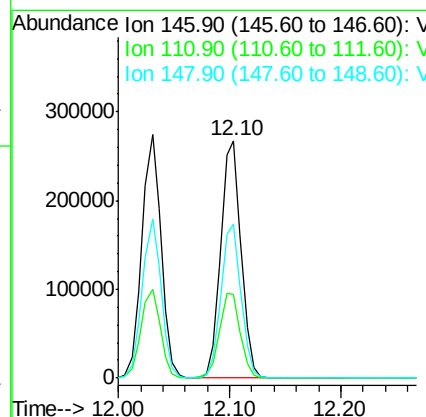
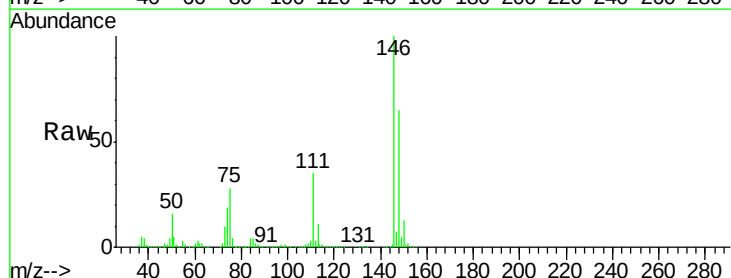
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

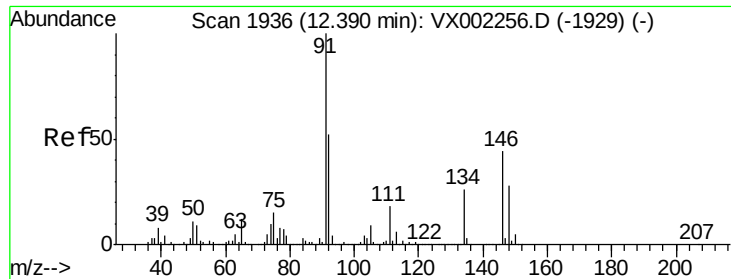
Tgt Ion:146 Resp: 330726
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 64.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion:146 Resp: 337588
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.7 56.1
 148 64.1 32.4 97.0

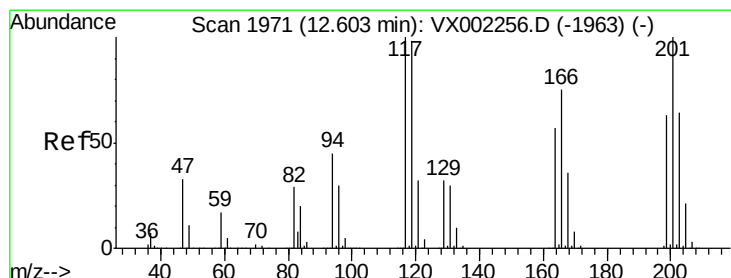
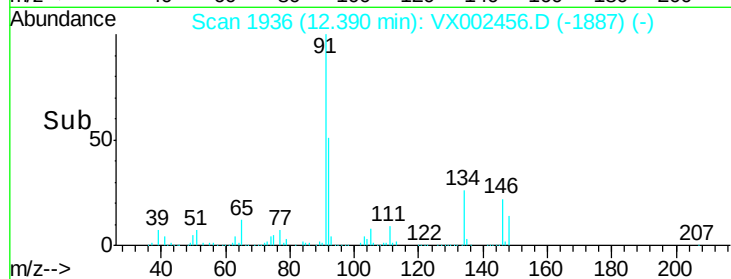
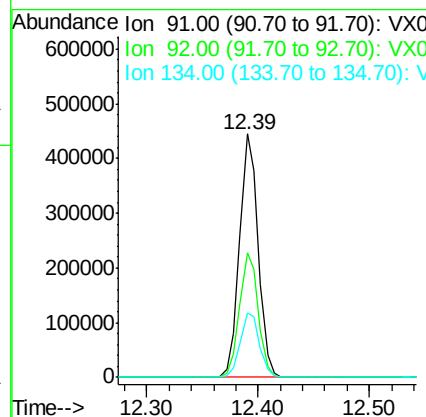
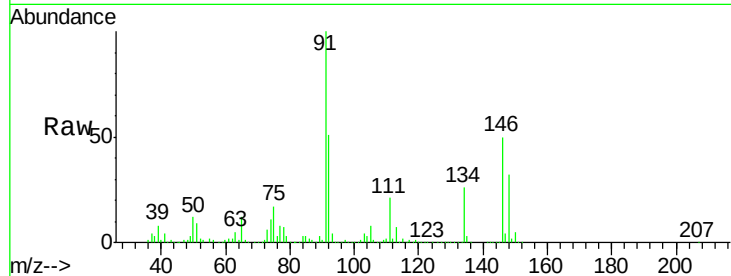




#89
n-Butylbenzene
Concen: 49.76 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

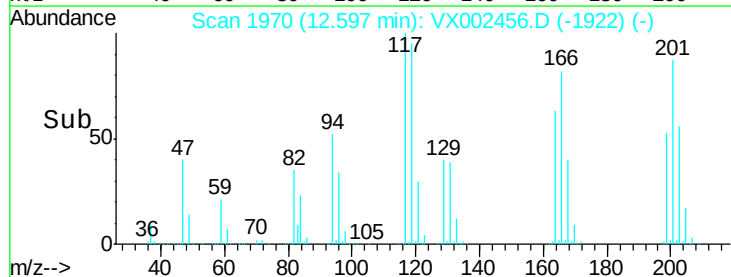
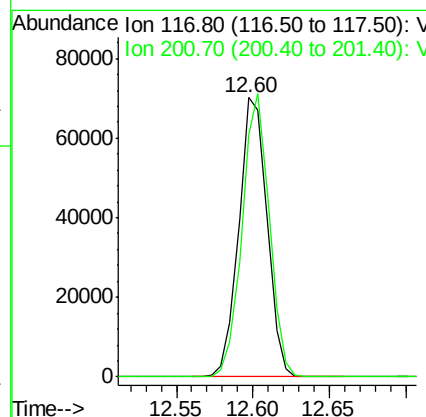
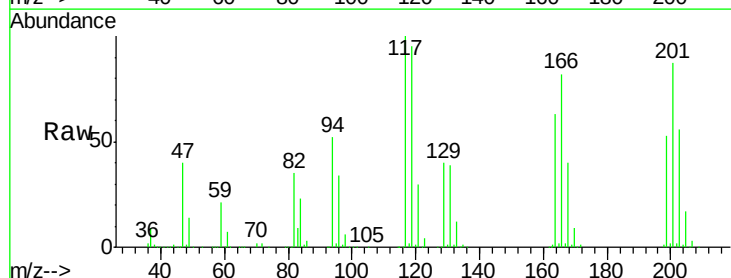
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

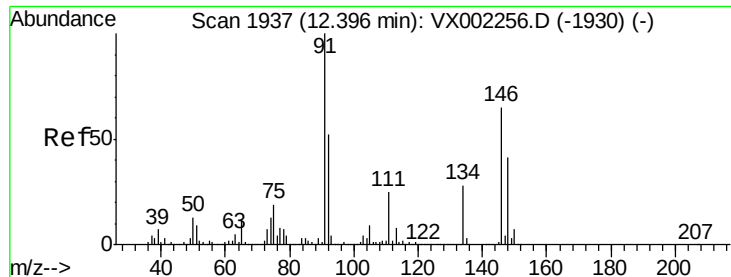
Tgt Ion: 91 Resp: 510896
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 27.2 13.5 40.5



#90
Hexachloroethane
Concen: 45.95 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002456.D
Acq: 11 Jun 2018 21:08

Tgt Ion: 117 Resp: 89791
Ion Ratio Lower Upper
117 100
201 97.1 49.0 147.0

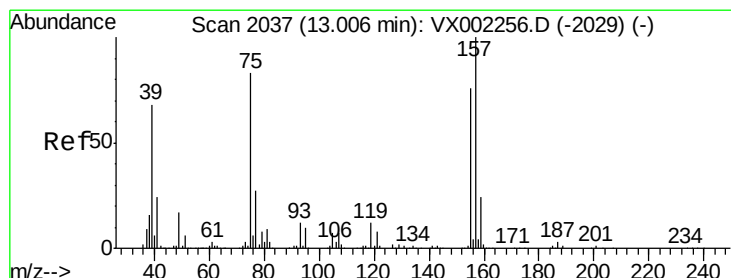
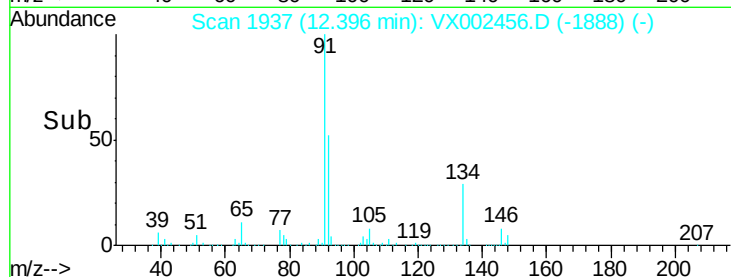
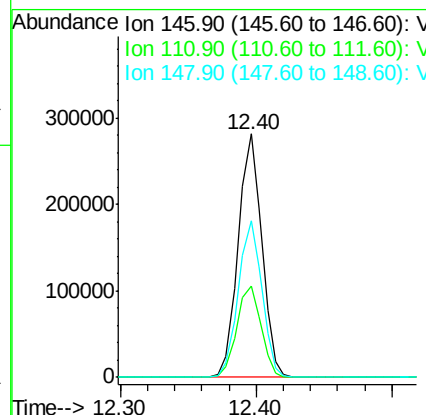
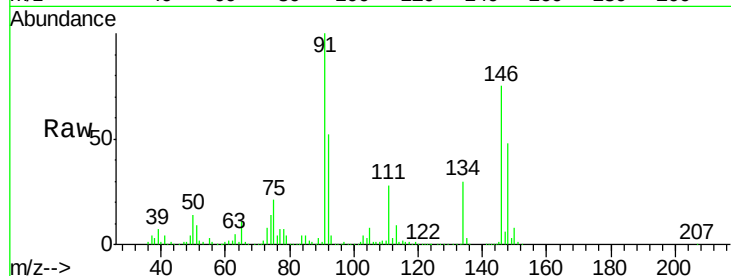




#91
 1,2-Dichlorobenzene
 Concen: 47.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

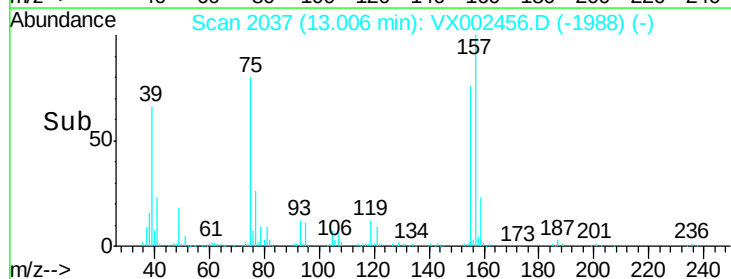
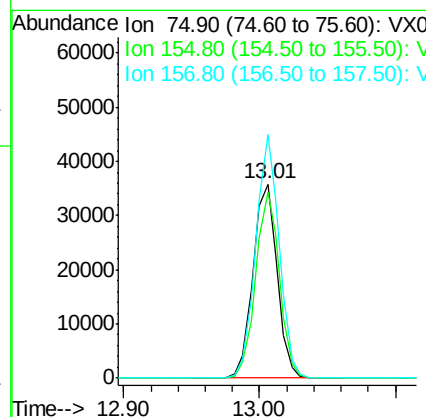
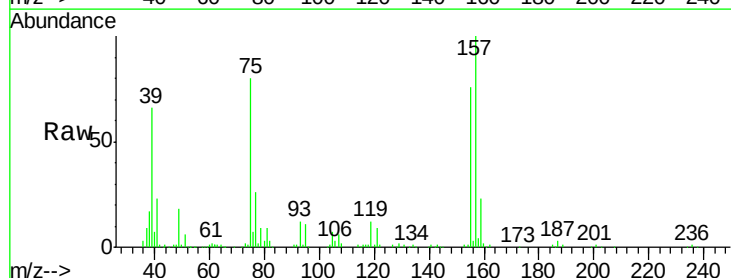
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

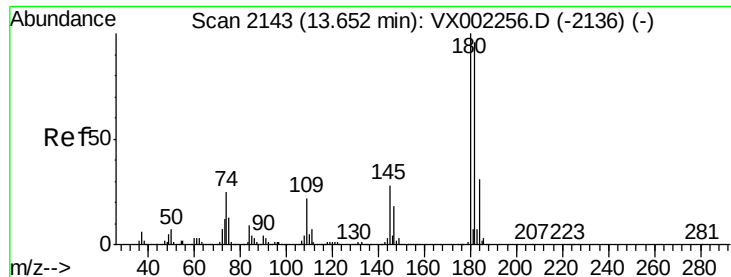
Tgt Ion: 146 Resp: 340732
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion: 75 Resp: 44674
 Ion Ratio Lower Upper
 75 100
 155 94.3 45.8 137.4
 157 121.9 60.1 180.3

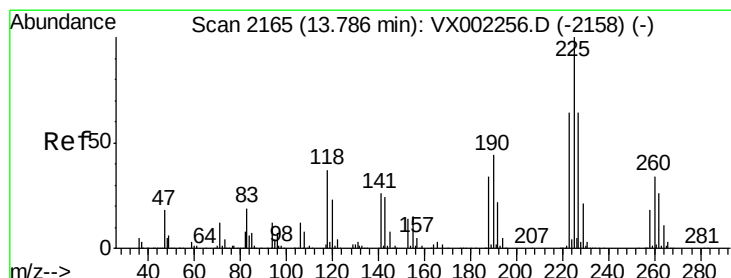
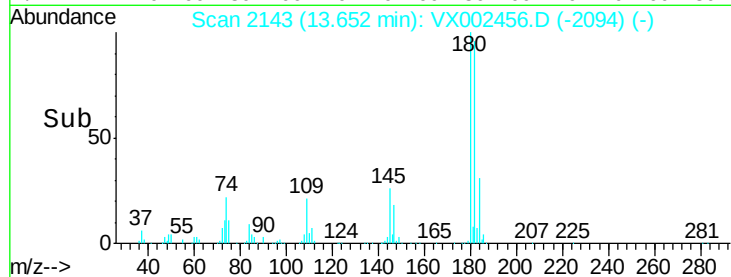
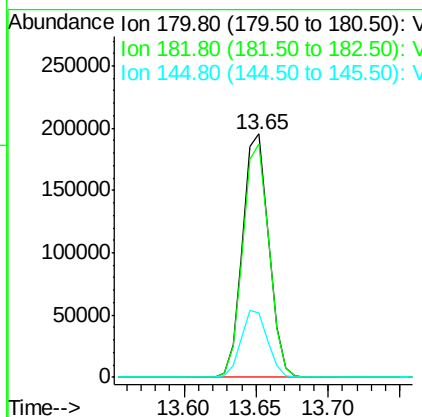
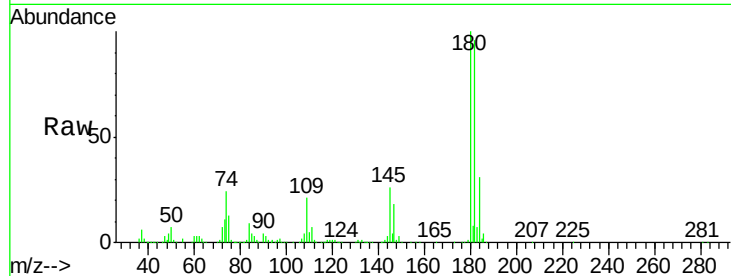




#93
 1,2,4-Trichlorobenzene
 Concen: 49.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

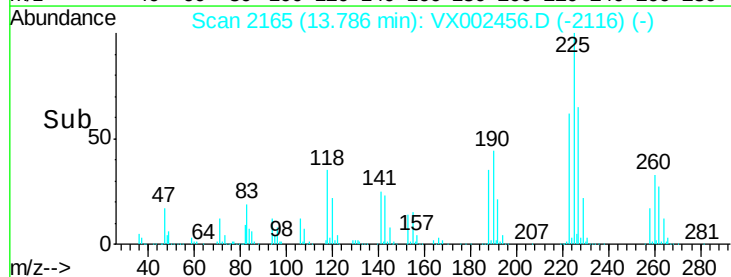
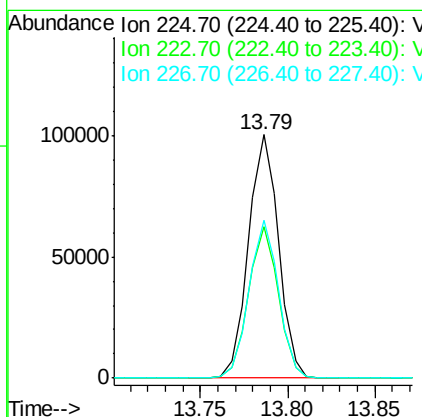
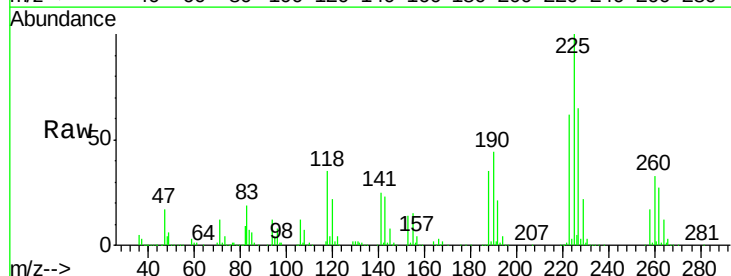
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

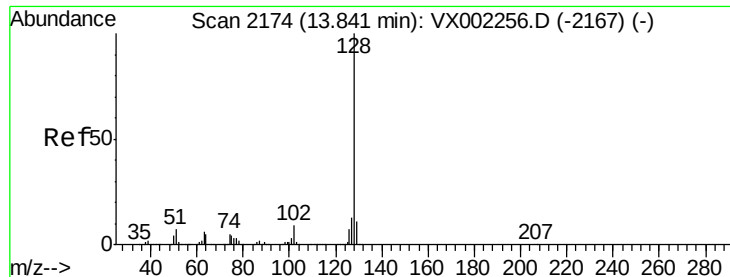
Tgt Ion:180 Resp: 245639
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002456.D
 Acq: 11 Jun 2018 21:08

Tgt Ion:225 Resp: 120004
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.6 95.0
 227 63.5 32.4 97.2





#95

Naphthalene

Concen: 49.23 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

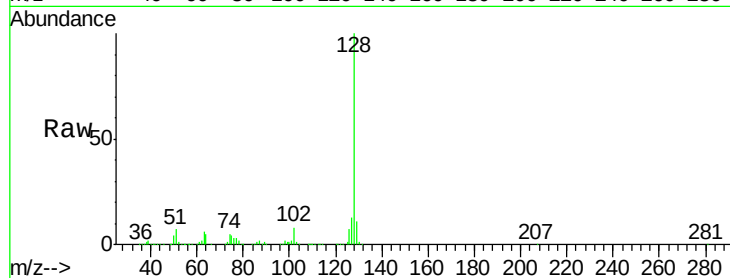
Tgt Ion:128 Resp: 706968

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

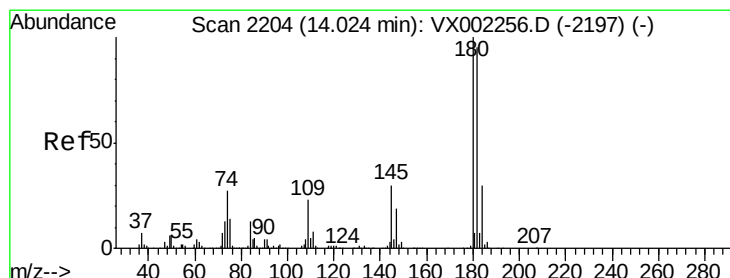
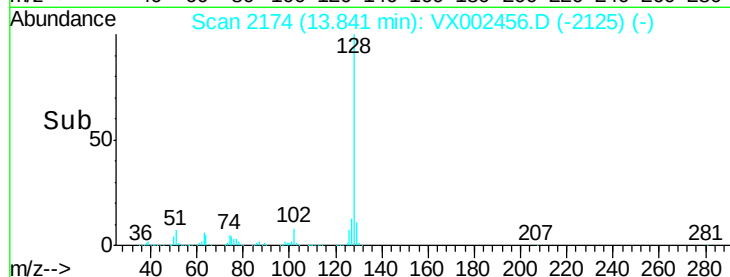
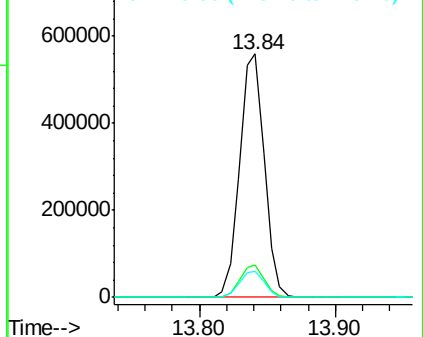
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.61 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002456.D

Acq: 11 Jun 2018 21:08

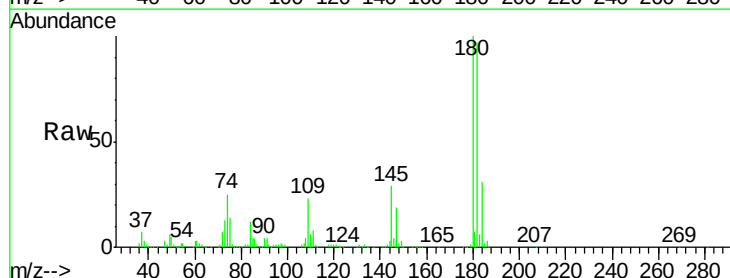
Tgt Ion:180 Resp: 252876

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

